

16 November 2020

By Post and Fax (2566 8061)

China State Construction Engineering (Hong Kong) Ltd.
29/F, China Overseas Building
139 Hennessy Road
Hong Kong

Attention: Mr. Danny Chan

Dear Sir,

**Re: Contract No. HY/2010/08
Central – Wan Chai Bypass – Tunnel (Slip Road 8 Section)
Additional Mitigation Plan for Slip Road 8 (Rev. 7)**

Reference is made to your submission of the Additional Mitigation Plan (Revision 7) dated 12 November 2020 received through email on 16 November 2020 for our review and comment.

Please be informed that we have no adverse comment on the captioned submission. We write to verify the captioned submission in accordance with Condition 2.16 of FEP-10/364/2009/B.

Thank you for your kind attention.

Yours faithfully,



David Yeung
Independent Environmental Checker

c.c.	HyD	Mr. Enoch Wong	by fax: 2714 5289
	AECOM	Mr. David Kwan	by fax: 3912 3010
	Lam	Mr. Raymond Dai	by fax: 2882 3331



Lam Geotechnics Limited

Ground Investigation & Instrumentation Professionals

華益土力有限公司

Ref : G1938/CS/L216/CSHK
Date : 16 November 2020

(By Hand)

China State Construction Engineering (Hong Kong) Ltd
29/F, China Overseas Building,
129 Hennessy Road
Hong Kong

By Post & Fax: 2566 8061

Attn: Mr. Danny Chan

Dear Mr. Chan,

Contract No. HY/2019/18
Wanchai Development Phase II and Central-Wanchai Bypass
Sampling, Field Measurement and Testing Works (Stage 4)

Additional Mitigation Plan for Slip Road 8 (Revision 7) under FEP-10/364/2009/B for Contract No. HY/2010/08

Referring to the captioned submission dated on 16 November 2020 received through email on 16 November 2020, we have reviewed your submitted details and hereby certify the submission in accordance with condition 2.16 of FEP- 10/364/2009/B.

Yours faithfully,
For and On Behalf of Lam Geotechnics Limited

Raymond Dai
Environmental Team Leader

c.c. AECOM CWB
Ramboll

- Mr. David Kwan
- Mr. David Yeung

By fax: 3912-3010
By fax: 3465-2899





中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

**Central – Wan Chai Bypass Tunnel
(Slip Road Section 8)
Contract No. HY/2010/08**

Additional Mitigation Plan for Slip Road 8 under condition 2.16 of FEP- 10/364/2009/B

Revision: 7

November 2020

Prepared by: Senior Environmental Officer	Gabriel Wong	Date: 12 November 2020
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Implementation Schedule for Additional Mitigation Plan

EIA Ref	Environmental Protection Measures / Mitigation Measures	Objective of Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages				Relevant Legislation and Guidelines	Implementation Status	Cross - Reference to Additional Mitigation Plan
					Des	C	O	Dec			
Construction Phase											
For the Whole Project											
Table 10.6, Figure 10.5.1-10.5.5	Aesthetic design of buildings and road-related structures, including viaducts, vent buildings, subways, footbridges and noise barriers and enclosure.	Visual enhancement	See Drawing No. 60095653/T2 /SKO750B in Appendix C / During Construction Phase	CEDD/HyD	✓	✓			ETWB TCW 2/2004	Implemented	Section 4.0
Operation Phase											
For the Whole Project											
Table 10.6, Figure 10.5.1-10.5.5	Aesthetic design of buildings and road-related structures, including viaducts, vent buildings, subways, footbridges and noise barriers and enclosure.	Visual enhancement	See Drawing No. 60095653/T2 /SKO750B in Appendix C / During Construction Phase	CEDD/HyD			✓		ETWB TCW 2/2004	Implemented	Section 4.0

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Location of Noise Screening Structure with Aesthetic Design & Landscape Area

Appendix B

Tree Planting Plan & Shrub Planting Plan

Appendix C

Detail Section of Noise Screening Structure & Wall Pattern of Noise Screening

Appendix D

Change of Landscaping Area above Slip Road 8

Appendix E

Victoria Park Re-provisioning Irrigation System Layout Plan



Revision	Summary of Revision	Prepared	
		By	Date
5	Appendix C - Detail Section of Noise Screening Structure & Wall Pattern of Noise Screening	Gabriel Wong	6 Feb 2020
6	Implementation Schedule added	Gabriel Wong	13 August 2020
	Section 7 updated	Gabriel Wong	13 August 2020
7	Appendix C drawing revised	Gabriel Wong	12 Nov 2020

EPD's observation / comment via fax dated 17 June 2020	Responses
Wan Chai Development Phase II – Central-Wan Chai Bypass Tunnel (Slip Road Section 8) FEP Condition 2.16: Additional Mitigation Plan (Revision 6)	
i) However, shrub species i.e. <i>Duranta repens</i> 'Variegata' (DRV)/ <i>Duranta repens</i> 'Golden' (DRG) is found still missing in the planting schedule in the revised drawing title 'Planting Plan For additional Walkway Behind Reprovisioned BGO(Sketch no. 60095653/T2/SK0750B) in the current submission (rev.6). As such, our previous comment dated 18.5.2020 is still valid. Please refer to the comments marked up in the concerned drawing as attached.	Appendix C Drawing revised

1.0 Introduction

In accordance with condition 2.16 of the Further Environmental Permit No. FEP-10/364/2009/B, the purpose of this additional mitigation plan is to set out the noise and visual mitigation measures of Slip Road 8 Section in Victoria Park, i.e. noise screening structure with aesthetic design of the Central – Wan Chai Bypass Tunnel (Slip Road 8 Section) Project (hereafter SR8).

Landscape issue will be discussed in a separate landscape plan in accordance with the condition 2.14 of FEP-10/364/2009/B.

Noise screening structure with aesthetic design forms part of works for Central – Wan Chai Bypass as recommended in the approved EIA report (Register No.: AEIAR-125/2008). As the permit holder of the Further Environmental Permit No. FEP-10/364/2009/B, China State Construction Engineering (Hong Kong) Limited (hereafter CSHK) would be responsible for construction of the screening structure.

2.0 Scope of Works of SR8

In accordance with the conditions stipulated in the Environmental Permit No. EP-364/2009/H and Further Environmental Permit No. FEP-10/364/2009/B, this plan aims to reduce the noise & visual impacts of the Slip Road 8 on users of the Victoria Park during the operation phase.

The scope of works mainly includes:

- i) Construction of about 100m long Slip Road 8 tunnel structure in Causeway Bay Typhoon Shelter (CBTS) by cut- and cover method;
- ii) Construction of about 200m slip road 8 tunnel underneath Victoria Park Road and within Victoria Park by cut-and- cover method;
- iii) Construction of about 410m at grade carriageway connecting to Tsing Fung Street; &
- iv) A Landscape area in accordance with Figure 4.5 of the approved EIA report.

Location of noise screening structure with aesthetic design and landscape area, please refer to **Appendix A**.

3.0 List of Reference Document

Relevant conditions in the EP and FEP are listed as follows for ease of references.

EP and FEP Condition	Remarks
EP No. EP-364/2009/H, Condition 2.16 and FEP-10/364/2009/B, Condition 2.16	<ul style="list-style-type: none">- Referring to the Condition 2.16 stipulated in Environmental Permit No. EP-364/2009/H and its subsequent variations, and FEP-10/364/2009/B, submission of additional mitigation plan at least one month prior commencement of the works.- 4 hard copies & 1 electronic copy of additional mitigation plan shall be certified by ET Leader and verified by the IEC as conforming to the relevant information and recommendation contained in the approved EIA Report (Register No.: AEIAR-125/2008).

4.0 Key Factors Considered during Construction of Noise Screening Structure with Aesthetic Design

The following factors have been taken into account during the preparation for this additional mitigation plan

4.1 The proposed aesthetic design would be applied on the side facing Victoria Park and the noise screening wall should be structure with compatible form, color and pattern to create a harmonious visual relationship with Victoria Park. Different forms and aesthetic design were considered.

Further to the noise screening structure proposed under the Additional Mitigation Plan (Rev.02) approved on 09-04-2015, Noise Screening Structure will be constructed without the wall pattern, a Planter Kerb will be constructed in front of the screen wall and *Bambusa Vulgaris* cv. Wamin (BVW) will be planted. (Please refers to Appendix B for the proposed planting plan and Appendix C for details on noise screening structure).

- 4.2 Re-provisional works of the existing bowling green field prior to construction of noise screening structure.
- 4.3 Diversion of traffic on Tsing Fung Street, Victoria Park Road & Island East Corridor (IEC) to facilitate the construction works.
- 4.4 Plants established for the noise screening structure & landscape area. Please refer to **Appendix C** for more details. The Planting Plan for Additional Walkway Behind Reprovisioned BGO was revised and updated in this submission. The planting plan was revised after a joint site inspection with D.C. Member and representatives from VPMO, please refer to **Appendix C** for more details.
- 4.5 The purpose of the screen wall is to further reduce the traffic noise impact of Slip Road 8. The screen wall is an additional measure to the noise mitigation measures stated in the EIA report and therefore the overall performance on noise mitigation will be better than the recommendations in the EIA.

5.0 Details of Proposed Noise Screening Structure

5.1 Taking into account of the key factors mentioned in Section 4 above & in accordance with the Table 10.4 (Significant Landscape Impacts of the Proposed Works during Construction Phase) of the approved EIA report, the construction works of noise screening structure is designed and its details are elaborated below

- (a) Approx. 1,900m² of Victoria Park will be permanently alienated by the Slip Road 8,
- (b) One bowling green court will be permanently alienated by the Slip Road 8,
- (c) Existing trees will be affected by the roadworks and
- (d) Existing trees will be affected by the reprovisioning of the affected facilities in the Victoria Park including the reprovisioning of a bowling green, and
- (e) Existing trees will be affected by the Landscape Deck across Victoria Park Road

5.2 Maintenance of planting & shrubs –

- (a) To carry out the establishment period as stipulated in the Particular Specification,
- (b) Liaise with the Engineer on site to tackle the earth works issue(s),

- (c) Drawings shown indicative layout, final decision will subject to the site condition & Engineer's decision.

5.3 Change in alignment of structure & construction details, if any, would be subject to the instruction & drawings of Highways Department.

6.0 Construction Schedule

The anticipated schedule of the noise screening structure is shown in **Appendix A**. It is prepared based on the latest Works Programme and may subject to changes to cope with the actual site situation and progress. Noise screening structure with aesthetic design would be the permanent structure along the carriageway.

Construction of noise screening structure on site subject to the works carried out. Works programme refers to **Appendix A** for details.

7.0 Tree & shrub planting amongst the Noise Screening Structure

The overall tree planting & shrub planting of noise screening structure is summarized and enclosed in **Appendix B**.

8.0 Noise screening structure with aesthetic design

The detail section of noise screening structure, please refer to **Appendix C** for details.

9.0 Landscaping Area above Slip Road 8 change of design

Part of the Landscaping Area above Slip Road 8 was occupied by Elderly Fitness Area, as instructed by AECOM on 22nd June 2017 (AECOM ref CWN:PP:mplm:60095653/C8/M15/210/039/0950-2017006058T) (Appendix D refers). Trees / shrubs will be planted inside the remaining Landscape Area. Please refer to Appendix B for tree and shrub planting detail.



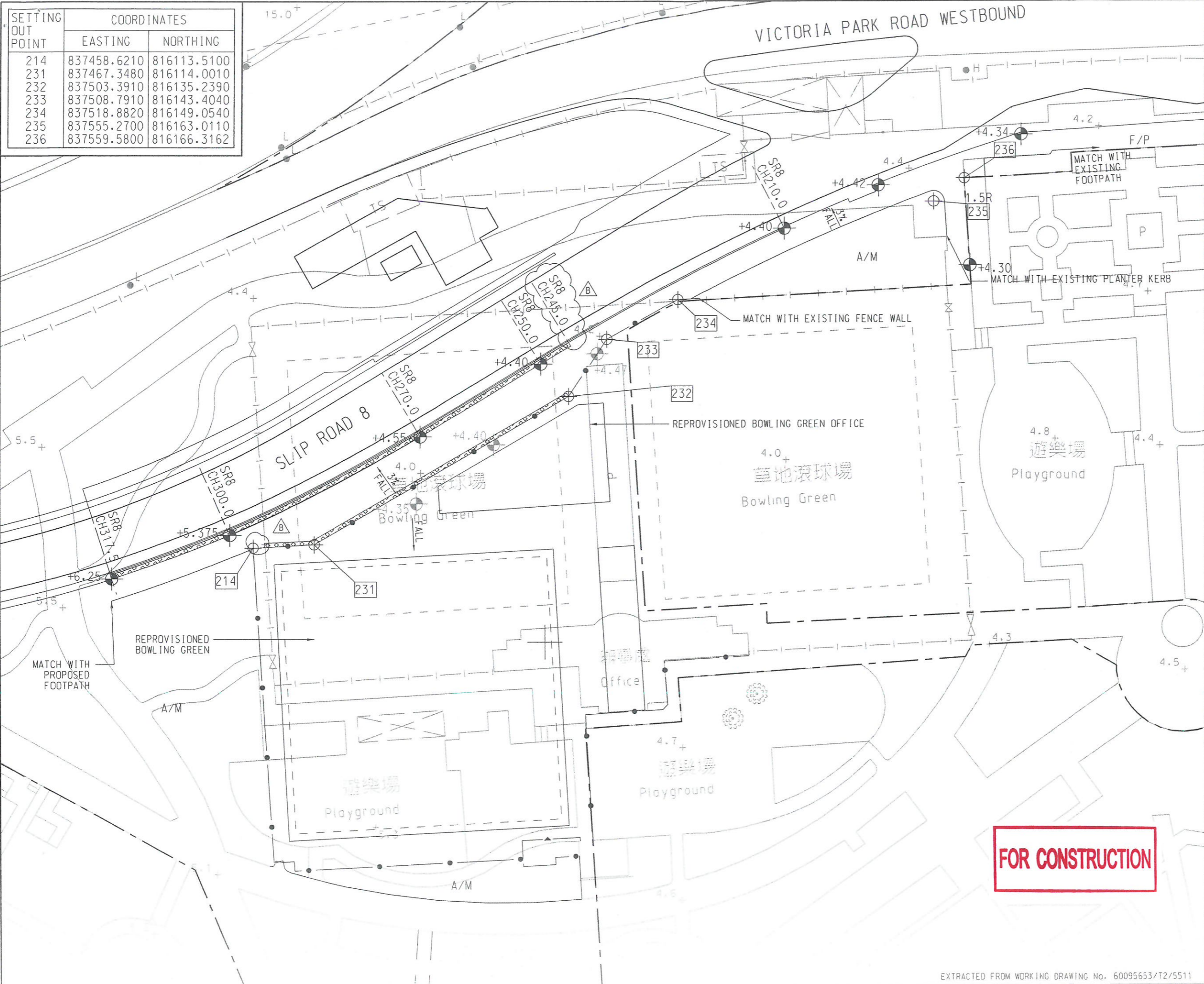
Appendix A

Location of Noise Screening Structure with Aesthetic Design & Landscape Area

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
214	837458.6210	816113.5100
231	837467.3480	816114.0010
232	837503.3910	816135.2390
233	837508.7910	816143.4040
234	837518.8820	816149.0540
235	837555.2700	816163.0110
236	837559.5800	816166.3162

- NOTES:**
- ALL CO-ORDINATES ARE IN ACCORDANCE WITH H.K. (1980) GEODETIC DATUM.
 - ALL DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 - ALL LEVELS SHOWN ARE IN METRES ABOVE PRINCIPAL DATUM AND REFER TO FINISHED ROAD LEVELS.
 - THIS SKETCH SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. 60095653/T2/5511, 5541 AND SKETCH NO. 60095653/T2/SK0233.

- LEGEND:**
- SITE BOUNDARY
 - F/P FOOTPATH
 - A/M AMENITY AREA
 - ⊕ SETTING OUT POINT
 - ⊕ +0.40 FINISHED ROAD LEVEL (R/PD)
 - FENCE WALL (DETAILS REFER TO DRG. NO. 60095653/T2/5543)
 - - - LIMIT OF BOWLING GREEN
 - PLANTER WALL
 - ▨ PLANTING AREA



FOR CONSTRUCTION

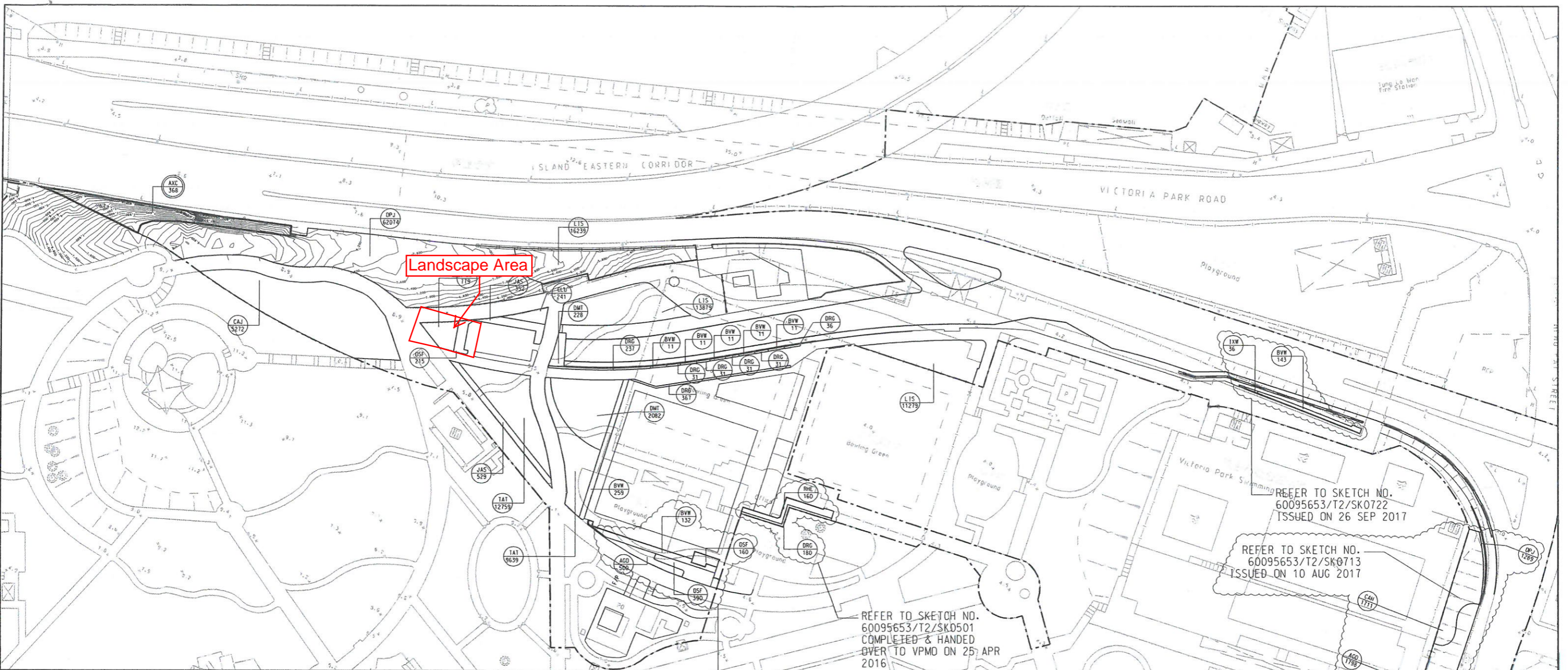
Rev.	Date	Description	Drawn	Prepared	Checked
B	21-11-17	CHAINAGE MARK ADDED AND PLANTING AREA REVISED	CPL	TC	TH
A	19-10-17	LEVEL BETWEEN BG AND SCREEN WALL ADDED	CPL	TC	TH
-	22-09-16	SETTING OUT OF FENCE WALL AT NORTHERN SIDE OF BG REVISED	WTL	PC	TH

AECOM

CENTRAL - WAN CHAI BYPASS AND IEC LINK
 CONTRACT NO. HY/2010/08
 CENTRAL - WAN CHAI BYPASS - TUNNEL
 (SLIP ROAD 8 SECTION)

TITLE: VICTORIA PARK REPROVISIONING WORKS SETTING OUT PLAN

SKETCH NO. 60095653/T2/SK0610B SCALE 1:500(1:3)



Landscape Area

REFER TO SKETCH NO. 60095653/T2/SK0722 ISSUED ON 26 SEP 2017

REFER TO SKETCH NO. 60095653/T2/SK0713 ISSUED ON 10 AUG 2017

REFER TO SKETCH NO. 60095653/T2/SK0501 COMPLETED & HANDED OVER TO VPMD ON 25 APR 2016

REFER TO SKETCH NO. 60095653/T2/SK0495A COMPLETED & HANDED OVER TO VPMD ON 04 FEB 2017

PLANTING SCHEDULE

CODE	BOTANICAL NAME	CHINESE NAME	SPECIFICATION(mm) LENGTH(L)xWIDTH(W)	SPACING (mm)	QUANTITY(m ²)	COMMENT
TURF PLANTING						
AXC	AXONOPUS COMPRESSUS	地盤草/大葉草	500(L)x300(W)	N/A	368	AS PER GS CLAUSE 3.27.

CODE	BOTANICAL NAME	CHINESE NAME	SPECIFICATION(mm) HEIGHT(H)xSPREAD(S)	SPACING (mm)	NO./M ²	QUANTITY	COMMENT	
SHRUB PLANTING								
AGD	AGLAIA ODORATA	米仔蘭	500(H)x500(S)	400	7.25	2298	PLANT ALL SPECIES IN A STAGGERED PATTERN	
CAH	CALLIANDRA HAEMATOCEPHALA	紅絲球	500(H)x500(S)	400	7.25	1711		
CAJ	CAMELLIA JAPONICA	山茶	500(H)x500(S)	400	7.25	5272		
CLU	CLERODENDRUM UGANDENSE	藍蝴蝶	500(H)x500(S)	400	7.25	241		
DMT	DRACAENA MARGINATA 'TRICOLOR'	五彩馬尾鐵	500(H)x500(S)	400	7.25	2310		
DRG	DURANTA REPENS 'GOLDEN'	金錦繡	400(H)x400(S)	300	12.54	944		
IXM	IXORA WILLIAMIRI 'SUNKIST'	綠羅勒	300(H)x300(S)	300	12.54	36		
JAS	JASMINUM SAMBAC	茉莉	500(H)x500(S)	400	7.25	881		
OSF	OSMANTHUS FRAGRANS	桂花	500(H)x500(S)	400	7.25	765		
PEL	PENTAS LANCEOLATA	五魚花	300(H)x300(S)	300	12.54	779		
RHE	RHAPIS EXCELSA	絲竹	900(H)x500(S)	400	7.25	160		
GROUNDCOVER PLANTING								
TAT	TRACHELOSPERMUM ASIATICUM 'TRICOLOR'	花葉錦石	100(H)x200(S)	150	44.44	22398		
LIS	LIRIOPE SPICATA	麥門冬(藍草)	100(H)x200(S)	150	44.44	41397		
OPJ	OPHIPOGON JAPONICUS	沿路草	100(H)x200(S)	150	44.44	63363		
BAMBOO PLANTING								
BYW	BAMBUSIA VULGARIS CV WAMIN	大佛竹	1500(H)x5 SHOOTS	500	4	589		

NOTE:
1. THIS SKETCH SHALL BE READ IN CONJUNCTION WITH DRAWING NO. 60095653/T2/2621B.

LEGEND:

 SHRUB CODE QUANTITY
 TURF CODE QUANTITY

Rev.	Date	Description	Drawn	Prepared	Checked
-	26-01-18	FOR CONSTRUCTION	KFC	MYL	YH

AECOM

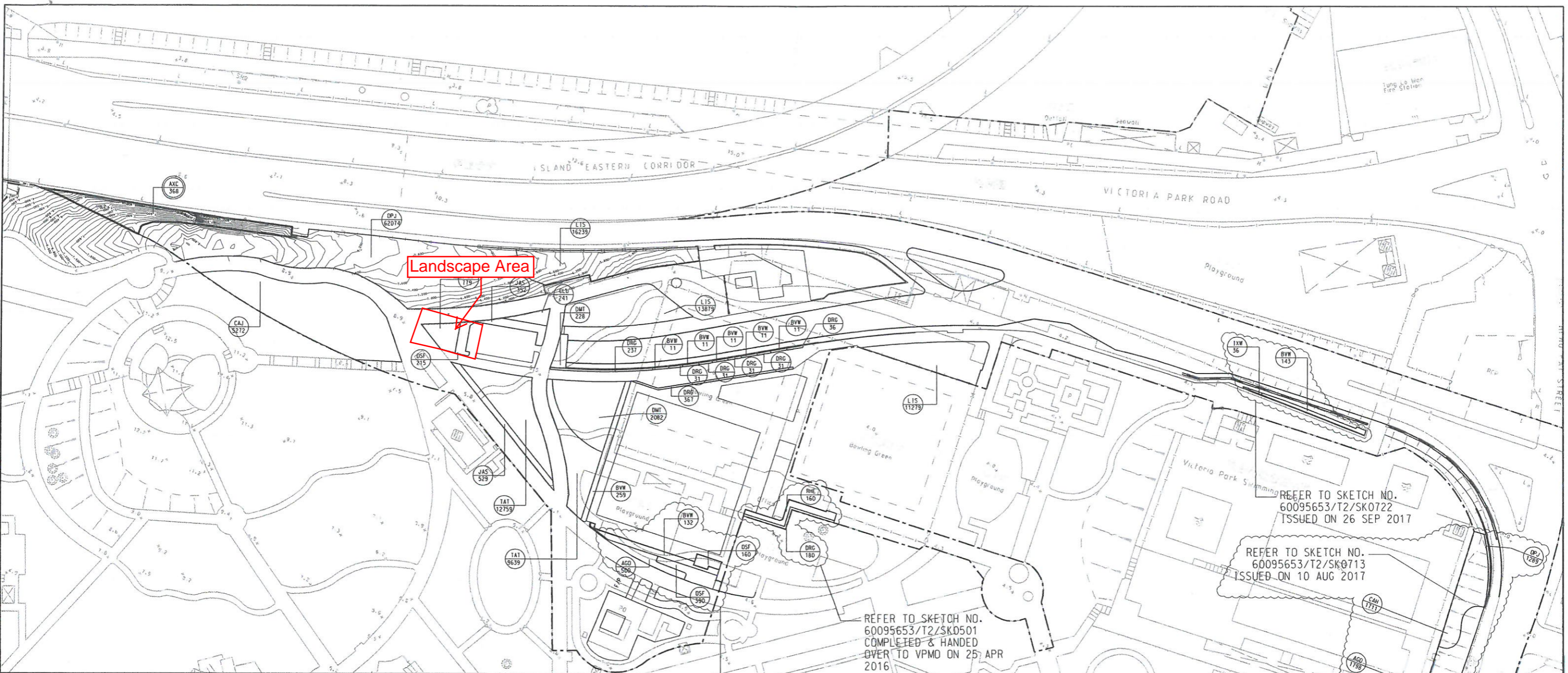
CENTRAL - WAN CHAI BYPASS AND IEC LINK
 CONTRACT NO. HY/2010/08
 CENTRAL - WAN CHAI BYPASS - TUNNEL
 (SLIP ROAD B SECTION)

TITLE:
SHRUB PLANTING PLAN



Appendix B

Tree Planting Plan & Shrub Planting Plan



Landscape Area

REFER TO SKETCH NO. 60095653/T2/SK0722 ISSUED ON 26 SEP 2017

REFER TO SKETCH NO. 60095653/T2/SK0713 ISSUED ON 10 AUG 2017

REFER TO SKETCH NO. 60095653/T2/SK0501 COMPLETED & HANDED OVER TO VPMD ON 25 APR 2016

REFER TO SKETCH NO. 60095653/T2/SK0495A COMPLETED & HANDED OVER TO VPMD ON 04 FEB 2017

PLANTING SCHEDULE

CODE	BOTANICAL NAME	CHINESE NAME	SPECIFICATION(mm) LENGTH(L)xWIDTH(W)	SPACING (mm)	QUANTITY(m ²)	COMMENT
TURF PLANTING						
AXC	AXONOPUS COMPRESSUS	地盤草/大葉草	500(L)x300(W)	N/A	368	AS PER GS CLAUSE 3.27.

CODE	BOTANICAL NAME	CHINESE NAME	SPECIFICATION(mm) HEIGHT(H)xSPREAD(S)	SPACING (mm)	NO./M ²	QUANTITY	COMMENT	
SHRUB PLANTING								
AGD	AGLAIA ODORATA	米仔蘭	500(H)x500(S)	400	7.25	2298	PLANT ALL SPECIES IN A STAGGERED PATTERN	
CAH	CALLIANDRA HAEMATOCEPHALA	紅絲球	500(H)x500(S)	400	7.25	1711		
CAJ	CAMELLIA JAPONICA	山茶	500(H)x500(S)	400	7.25	5272		
CLU	CLERODENDRUM UGANDENSE	藍蝴蝶	500(H)x500(S)	400	7.25	241		
DMT	DRACAENA MARGINATA 'TRICOLOR'	五彩馬尾鐵	500(H)x500(S)	400	7.25	2310		
DRG	DURANTA REPENS 'GOLDEN'	金錦繡	400(H)x400(S)	300	12.54	944		
IXM	IXORA WILLIAMIRI 'SUNKIST'	檸檬樹	300(H)x300(S)	300	12.54	36		
JAS	JASMINUM SAMBAC	茉莉	500(H)x500(S)	400	7.25	881		
OSF	OSMANTHUS FRAGRANS	桂花	500(H)x500(S)	400	7.25	765		
PEL	PENTAS LANCEOLATA	五魚花	300(H)x300(S)	300	12.54	779		
RHE	RHAPIS EXCELSA	絲竹	900(H)x500(S)	400	7.25	160		
GROUNDCOVER PLANTING								
TAT	TRACHELOSPERMUM ASIATICUM 'TRICOLOR'	花葉錦石	100(H)x200(S)	150	44.44	22398		
LIS	LIRIOPE SPICATA	麥門冬(藍草)	100(H)x200(S)	150	44.44	41397		
OPJ	OPHIPOGON JAPONICUS	沿路草	100(H)x200(S)	150	44.44	63363		
BAMBOO PLANTING								
BYW	BAMBUSIA VULGARIS CV WAMIN	大筒竹	1500(H)x5 SHOOTS	500	4	589		

NOTE:
1. THIS SKETCH SHALL BE READ IN CONJUNCTION WITH DRAWING NO. 60095653/T2/2621B.

LEGEND:

 SHRUB CODE QUANTITY
 TURF CODE QUANTITY

Rev.	Date	Description	Drawn	Prepared	Checked
	26-01-18	FOR CONSTRUCTION	KFC	MYL	YH



CENTRAL - WAN CHAI BYPASS AND IEC LINK
 CONTRACT NO. HY/2010/08
 CENTRAL - WAN CHAI BYPASS - TUNNEL
 (SLIP ROAD B SECTION)

TITLE:
SHRUB PLANTING PLAN



Appendix C

Detail Section of Noise Screening Structure & Wall Pattern of Noise Screening



AECOM
8/F, Grand Central Plaza, Tower 2,
138 Shatin Rural Committee Road,
Shatin, Hong Kong
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25 Hung Hing Road,
Causeway Bay, Hong Kong
香港銅鑼灣鴻興道 25 號
+852 3912 3000 tel
+852 3912 3010 fax

Your Ref. :
Our Ref. : CWB/(HY/2010/08)/C30/960/08B013665

RECEIVED
22 OCT 2019
BY: Jol16040

21 October 2019

China State Construction Engineering (Hong Kong) Limited
29/F China Overseas Building,
139 Hennessy Road,
Wan Chai,
Hong Kong

Attn.: Mr. Thomas Lui

Dear Sir,

Contract No. HY/2010/08
Central-Wan Chai Bypass Tunnel (Slip Road 8 Section)

Replacement of Shrub Planting with Bamboo Planting at the Additional Walkway

I refer to the joint site inspection on 15 October 2019 amongst D. C. Member Dr. Jennifer Chow, representatives from VPMO, CSHK and AECOM/RSS, concerning the replacement of shrub planting [*Duranta repens* 'golden' (DRG) 金連翹] with bamboo planting [*Bambusa vulgaris* cv Wamin (BVW) 大佛肚竹] at the Additional Walkway as shown in the attached Sketch No. 60095653/T2/SK0750A.

It was recorded that both Dr. Chow and VPMO had no adverse comment to the replacement planting. As previously agreed, the completion date of the Establishment Period for the concerned planting remains at 29 January 2020.

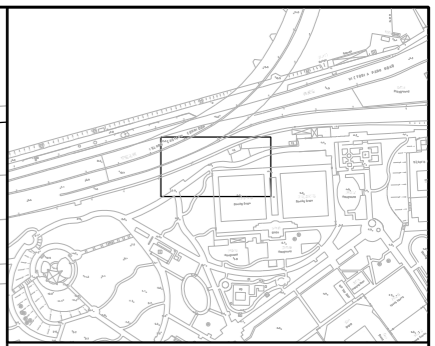
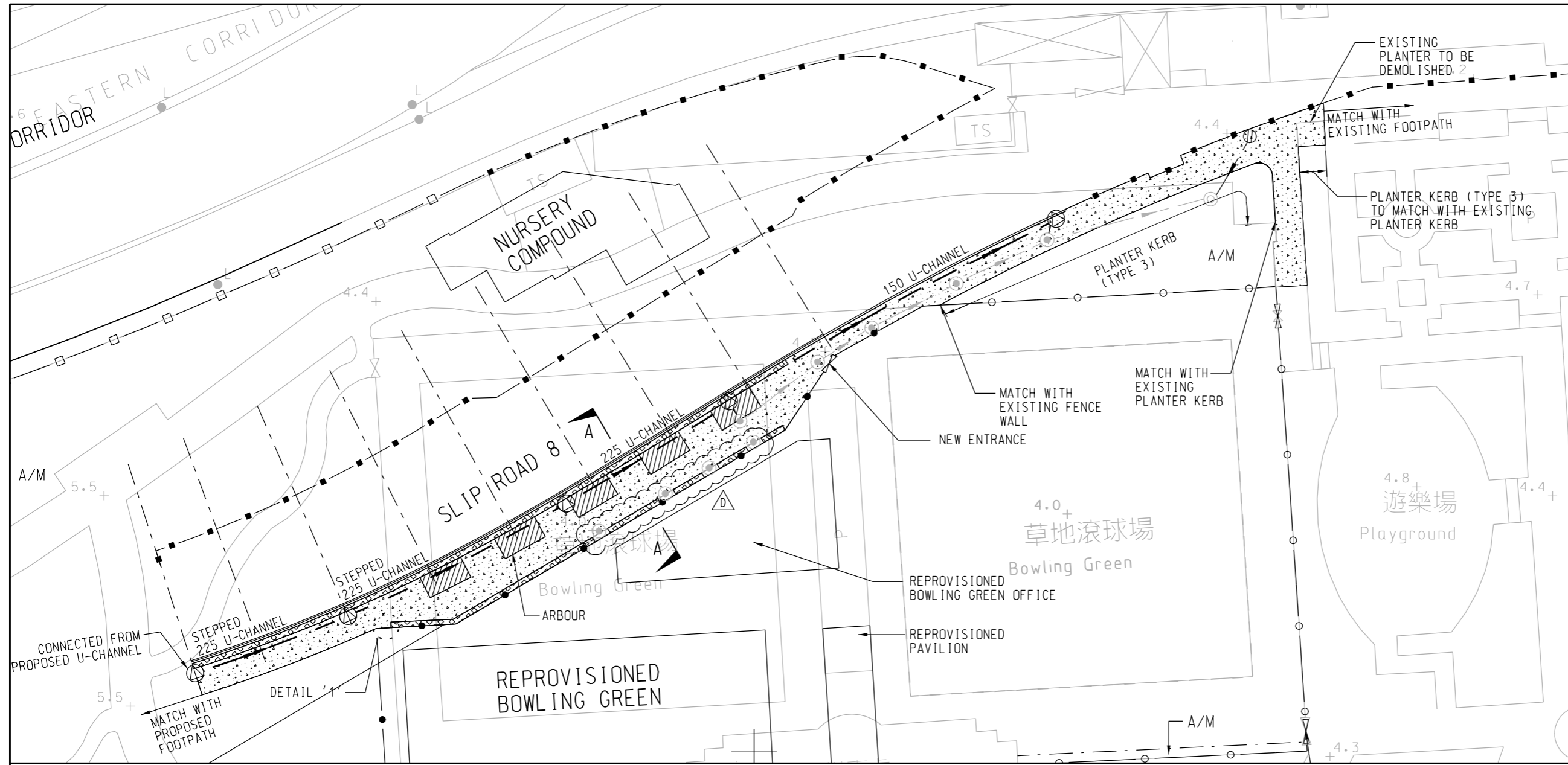
Yours faithfully,
For and on behalf of
AECOM Asia Co. Ltd.

Denis Norton
Engineer's Representative

Encl.

e.c. AECOM - Attn.: Mr. Raymond Pau

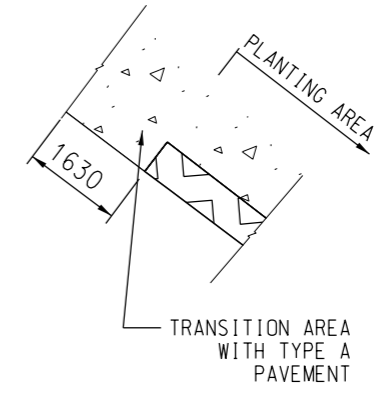
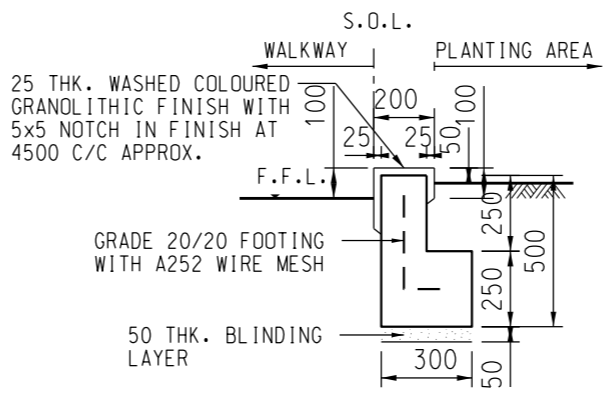
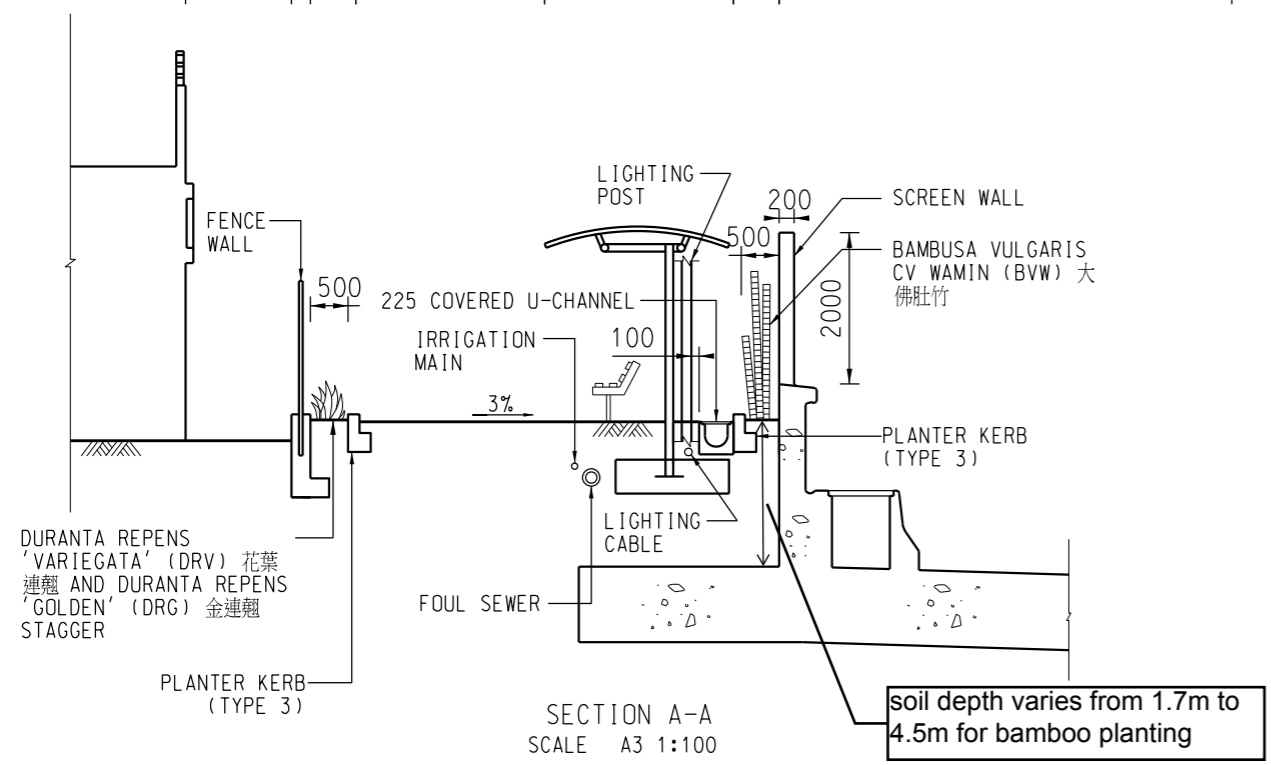
DAN/THY/NEC/MYL/gw



KEY PLAN
SCALE 1:5000

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - FOR LIGHTING LAYOUT, REFER TO SKETCH NO. 60095653/T2/SK0762.

- LEGEND:**
- BOUNDARY FENCE (DETAILS REFER TO WORKING DRG. NO. 60095653/T2/5542)
 - EXISTING BOUNDARY FENCE TO BE MAINTAINED
 - FENCE WALL (DETAILS REFER TO SKETCH NO. 60095653/T2/SK0269)
 - EXISTING FENCE WALL TO BE MAINTAINED
 - ARBOUR
 - PLANTING AREA
 - PROPOSED WALKWAY (TYPE A PAVEMENT, REFER TO SKETCH NO. 60095653/T2/SK0250)
 - U-CHANNEL WITH DRAINPIT (DETAILS REFER TO WORKING DRG. NO. 60095653/T2/5522 AND SKETCH NOS. 60095653/T2/SK0759 AND SK0609)
 - EXISTING STORMWATER MANHOLE (REFER TO SKETCH NO. 60095653/T2/SK0496)
 - STORMWATER MANHOLE (REFER TO SKETCH NO. 60095653/T2/SK0496)
 - PROPOSED GULLY (REFER TO WORKING DRG. NO. 60095653/T2/5522)



Rev.	Date	Description	Drawn	Prepared	Checked
D	29-06-18	DIVIDED PLANTER AREA NEXT TO REPROVISIONED BG	KFC	TC	TH
C	07-02-18	NOTE 2 ADDED AND SECTION A-A REVISED	KFC	TC	TH
B	21-11-17	225 U-CHANNEL REVISED AND DETAIL '1' ADDED	CPL	TC	TH
A	13-10-17	PLANTER & DRAINAGE DETAILS ADDED	CPL	TC	TH
-	14-06-17	FOR CONSTRUCTION	CPL	FF	TH

AECOM

CENTRAL - WAN CHAI BYPASS AND IEC LINK
CONTRACT NO. HY2010/08
CENTRAL - WAN CHAI BYPASS - TUNNEL
(SLIP ROAD 8 SECTION)

TITLE:
LAYOUT PLAN FOR ADDITIONAL WALKWAY
BEHIND REPROVISIONED BGO

SKETCH NO. 60095653/T2/SK0721D SCALE 1:500(A3)

Siu Chi Man, Terry

From: Kenny KT HO [kktho@lcsd.gov.hk]
Sent: Monday, October 30, 2017 12:50 PM
To: Siu Chi Man, Terry; Mr. Tse Hoi Yin, Henry - Highways Department
Cc: Eric CY CHAN
Subject: Fw: Victoria Park - Planting Plan for Additional Walkway and Revised Tree Transplanting Plan
Attachments: SK0742.pdf; SK0750.pdf

Dear Henry and Terry,

Please be advised that we have no adverse comment for the proposed planting plan for the additional walkway and the proposed location of 12 nos. transplanting trees.

Regards,
Kenny HO
AM(VP)2
Tel: 2890 4204

----- Forwarded by Kenny KT HO/LCSD/HKSARG on 30/10/2017 12:46 -----

From: "Siu Chi Man, Terry" <Terry.Siu@cwbaecom.com>
To: 'Kenny KT HO' <kktho@lcsd.gov.hk>
Cc: Eric CY CHAN <ecyichan@lcsd.gov.hk>, "Mr. Tse Hoi Yin, Henry - Highways Department" <e5cwb.mw@hyd.gov.hk>, "Norton, Denis Arthur" <Denis.Norton@cwbaecom.com>, Ho Shui Tim <st.ho@cwbaecom.com>, "Ng Ka Yiu, Yo Yo" <yoyo.ng@cwbaecom.com>, "Chan Wai Sang, Eric" <eric.chan@cwbaecom.com>, "Ho Kwong Wah, Sherman" <sherman.ho@cwbaecom.com>, "Wong Tze Kwong, Patrick" <patrick.wong@cwbaecom.com>
Date: 19/10/2017 15:25
Subject: Victoria Park - Planting Plan for Additional Walkway and Revised Tree Transplanting Plan

Dear Kenny,

As discussed in the VPMO Meeting yesterday, please advise whether you have any comment on the proposed planting plan for the additional walkway as shown on the attached Sketch No. SK0750.

Please also advise your comment on the proposed relocation of 12 no. transplanting trees as shown green on the attached Sketch No.SK0742 in order to maintain the existing footpath system in the Park.

Regards,

Terry

This email message (together with any attachments) is for the designated recipient only. It may contain information that is privileged for the designated recipient. If you are not the intended recipient, you are hereby notified that any use, retention, disclosure, copying, printing, forwarding or dissemination of the message is strictly prohibited. If you have received the message in error, please erase all copies of the message (including attachments) from your system and notify the sender immediately.







KEY PLAN
SCALE 1:20000(1:1)

NOTES:

1. THIS SKETCH SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. 609563/72/2601, 2602 AND 2603.
2. THE LOCATIONS OF COMPENSATORY TREES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY AND TO BE AGREED ON SITE WITH THE ENGINEER. THE LOCATIONS ARE SUBJECT TO CHANGES TO ANY LOCATIONS WITHIN VICTORIA PARK, IF THERE ARE INSTANCES FOR THE CONTRACTOR TO WORK OUTSIDE THE SITE BOUNDARY. THIS SHALL DEEM TO BE COVERED BY THE CONTRACTOR'S INSURANCE AND AT NO ADDITIONAL COST TO THE EMPLOYER.
3. EXACT LOCATIONS FOR ALL TRANSPLANTED TREES AND COMPENSATORY TREES TO BE DETERMINED ON SITE.

LEGEND:

-  RETAINED TREE
-  FINAL LOCATION OF TRANSPLANTED TREE WORKS WITHIN VICTORIA PARK
-  FINAL LOCATION OF TREE TO BE TRANSPLANTED FROM OFF SITE NURSERY
-  REVISED LOCATION OF TREE TO BE TRANSPLANTED FROM OFF SITE NURSERY

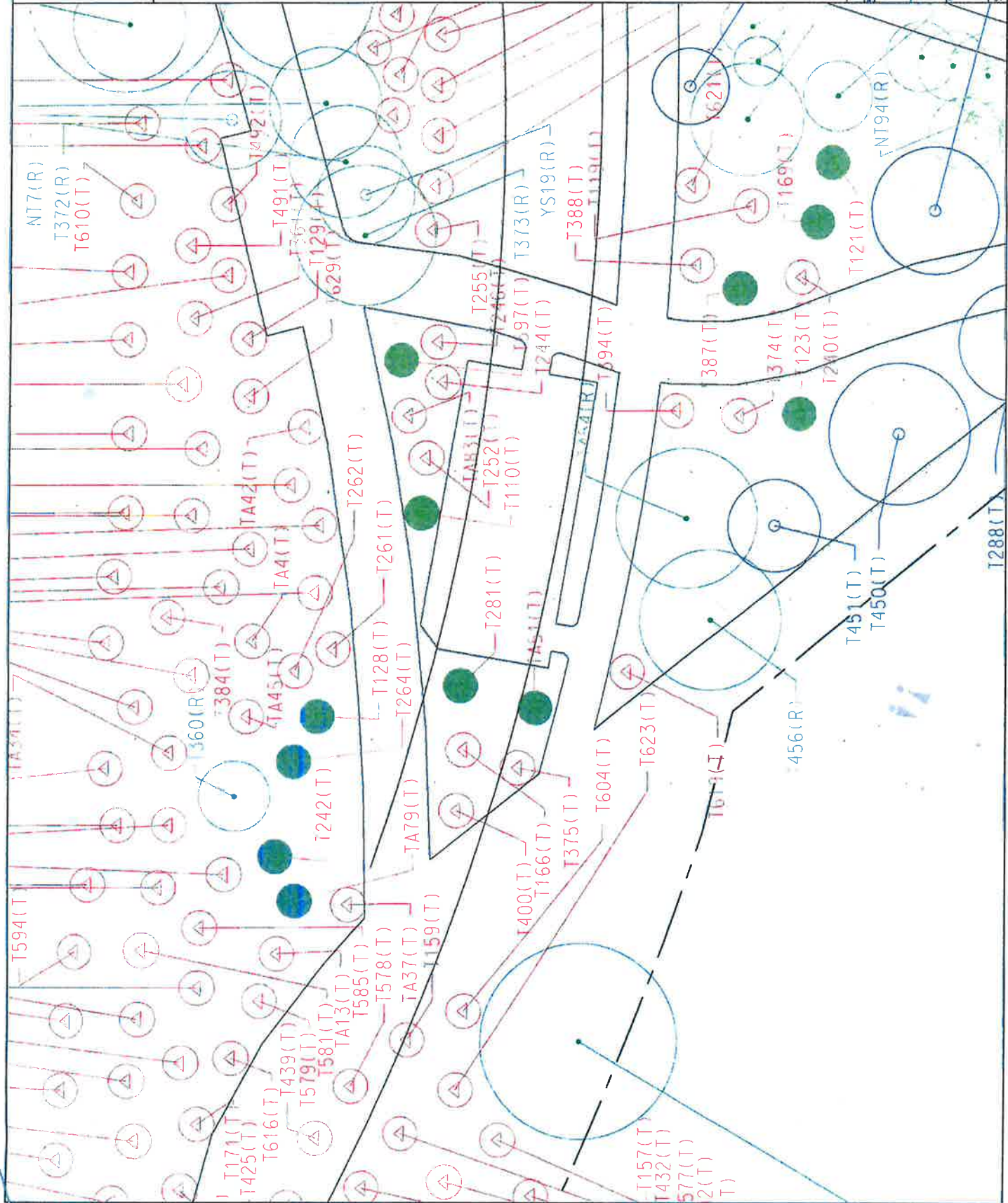
NO.	DATE	DESCRIPTION	BY	CHKD.

AECOM

CENTRAL VICTORIA PARK AND VIC LINK
CENTRAL VICTORIA PARK ACCESS TUNNEL
E&P ROAD SECTION

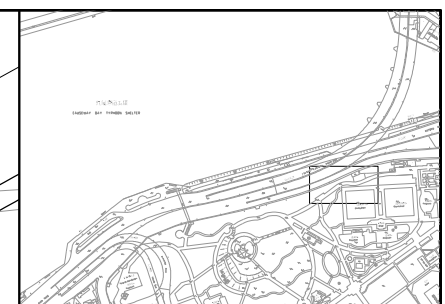
TREE TRANSPLANTING PLAN
WITHIN VICTORIA PARK

SKETCH NO. 609563/72/SK0142
DATE 11/04/11



PLANTING SCHEDULE

CODE	BOTANICAL NAME	CHINESE NAME	SPECIFICATION(mm) HEIGHT(H)xSPREAD(S)	SPACING (mm)	NO./M2	QUANTITY	COMMENT
SHRUB PLANTING							PLANT ALL SPECIES IN A STAGGERED PATTERN
DRG	DURANTA REPENS 'GOLDEN'	金連翹	400(H)x400(S)	300	12.54	400	
BAMBOO PLANTING							179
BVW	BAMBUSA VULGARIS CV WAMIN	大佛肚竹	1500(H)x5 SHOOTS	500	4		



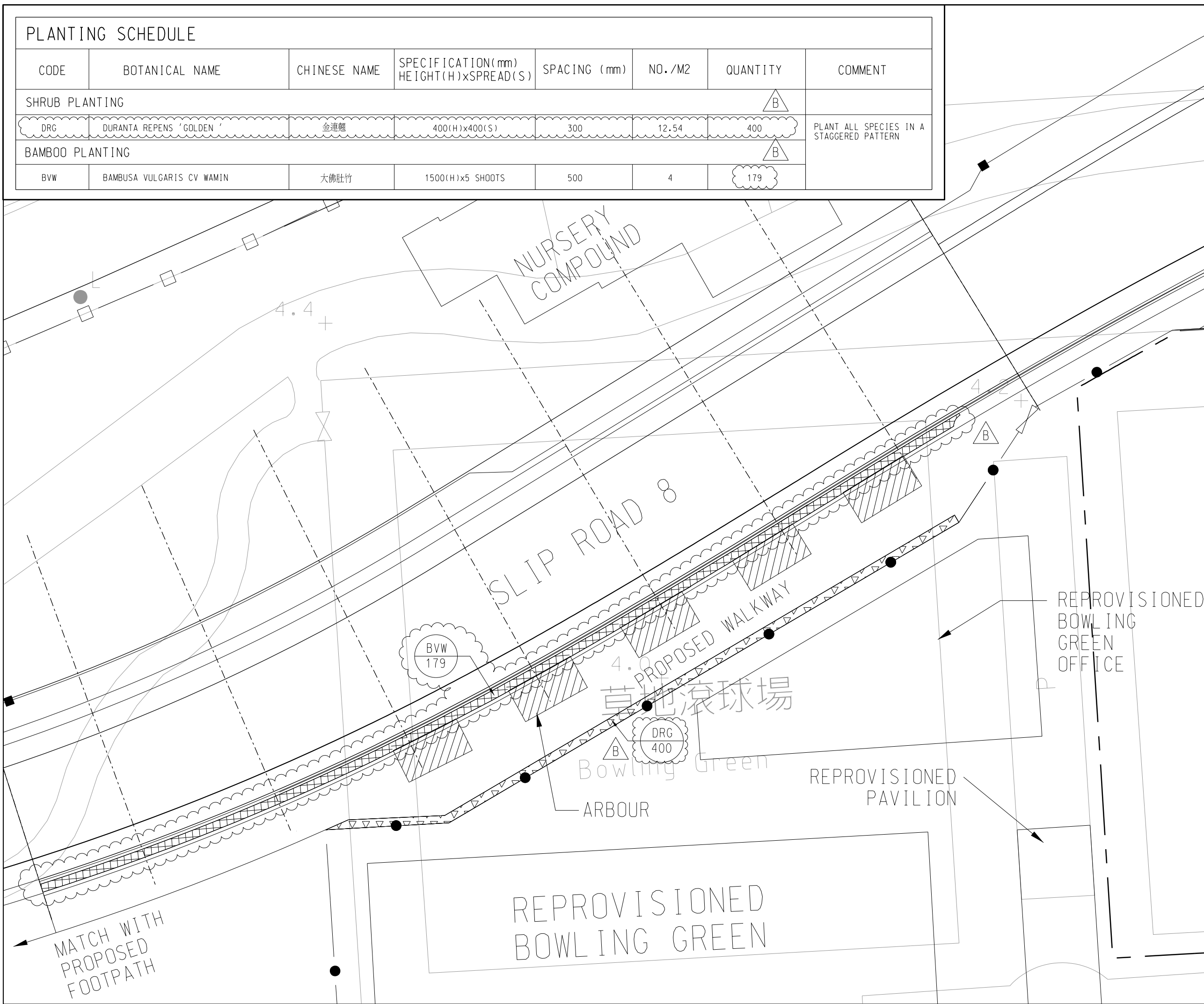
KEY PLAN SCALE 1:10000

NOTE:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

LEGEND:

- BOUNDARY FENCE (DETAILS REFER TO WORKING DRG. NO. 60095653/T2/5542)
- EXISTING BOUNDARY FENCE TO BE MAINTAINED
- FENCE WALL (DETAILS REFER TO SKETCH NO. 60095653/T2/SK0269)
- EXISTING FENCE WALL TO BE MAINTAINED
- ▨ ARBOUR
- ▩ PLANTING OF BVW
- ▽▽▽ PLANTING OF DRG



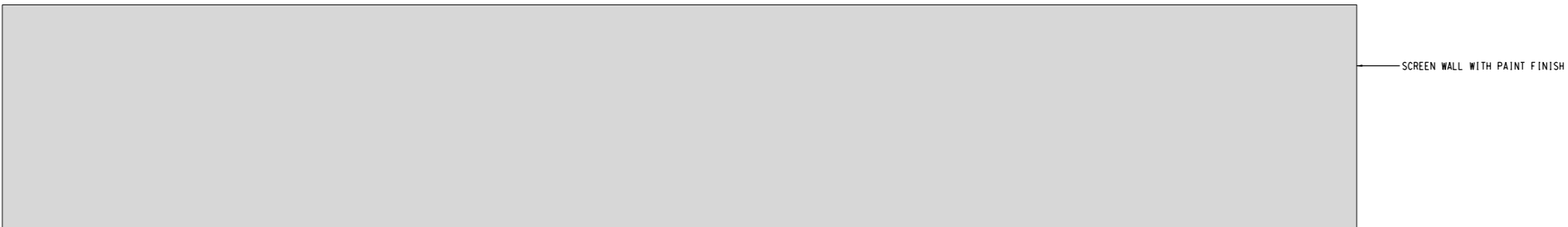
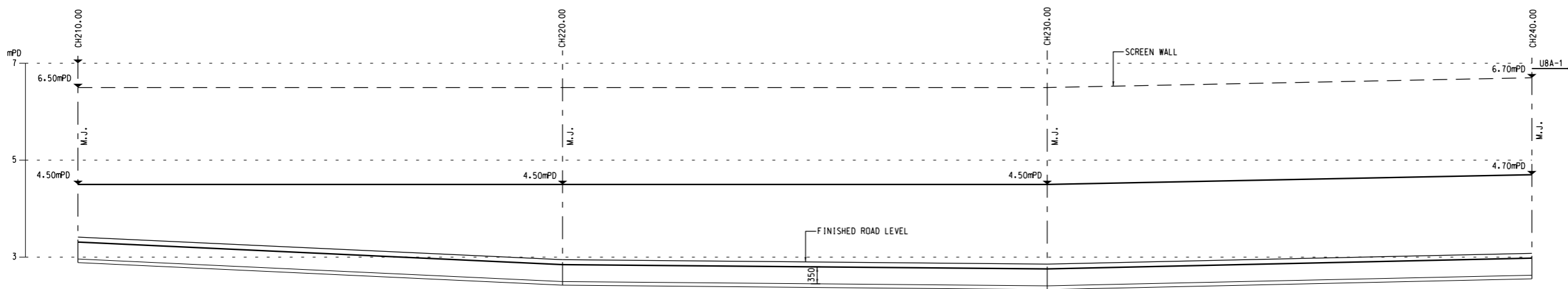
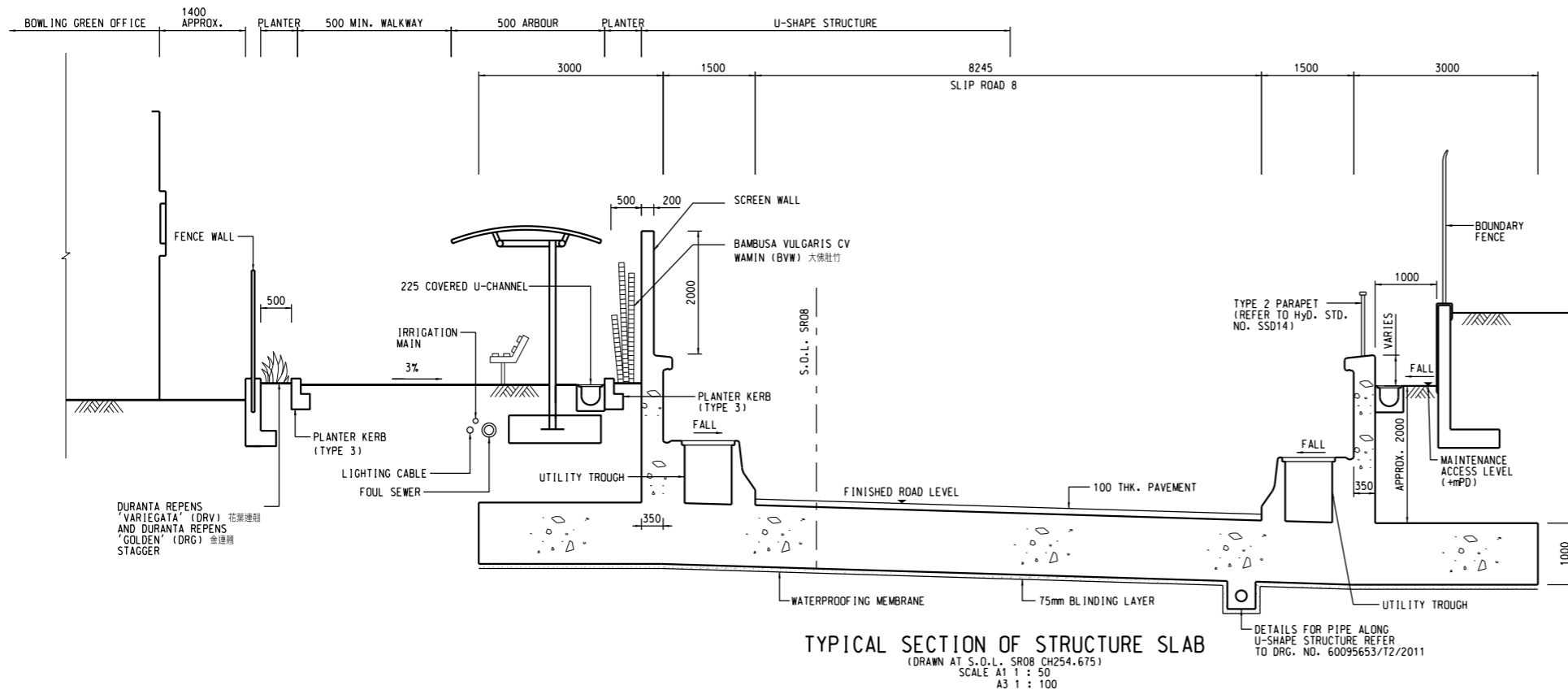
Rev.	Date	Description	Drawn	Prepared	Checked
B	22/10/20	FOR EP SUBMISSION	SCL	MYL	YN
A	01-04-19	REVISION OF PLANTING	HLK	EC	YN
-	10-10-17	FOR CONSTRUCTION	CPL	MYL	YN



CENTRAL - WAN CHAI BYPASS AND IEC LINK
 CONTRACT NO. HY/2010/08
 CENTRAL - WAN CHAI BYPASS - TUNNEL
 (SLIP ROAD 8 SECTION)

TITLE:
 PLANTING PLAN FOR ADDITIONAL WALKWAY
 BEHIND REPROVISIONED BGO

SKETCH NO. 60095653/T2/SK0750B SCALE 1:250(A3)



WALL PATTERN DETAIL FOR NOISE SCREENING
 SCALE A1 1 : 25
 A3 1 : 50

NOTES:
 1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 2. THIS DRAWING IS READ IN CONJUNCTION WITH DRAWING NO. 60095653/T2/3011C TO 3013C.

Rev.	Date	Description	Drawn	Prepared	Checked
-	11-01-18	AS BUILT	KFC	TC	TS
AECOM					
CENTRAL - WAN CHAI BYPASS AND IEC LINK CONTRACT NO. HY/2010/08 CENTRAL - WAN CHAI BYPASS - TUNNEL (SLIP ROAD 8 SECTION)					
TITLE: SCREEN WALL ASBUILT					
SKETCH NO.	60095653/T2/SK0830				SCALE AS SHOWN

Your Ref. :
Our Ref. : CWB/(HY/2010/08)/C25/500/08B011205

24 November 2017

China State Construction Engineering (Hong Kong) Limited
29/F China Overseas Building,
139 Hennessy Road,
Wan Chai,
Hong Kong

Attn.: Mr. Thomas Lui

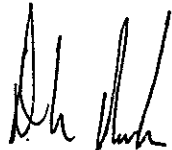
Dear Sir,

Contract No. HY/2010/08
Central-Wan Chai Bypass – Tunnel (Slip Road 8 Section)

Deletion of Wall Pattern on Screen Wall

In accordance with GCC Clause 6(3), i enclose Sketch No. 60095653/T2/SK0760 showing the deletion of the wall pattern on the Screen Wall.

Yours faithfully,
For and on behalf of
AECOM Asia Co. Ltd.



Denis Norton
Engineer's Representative

Encl.

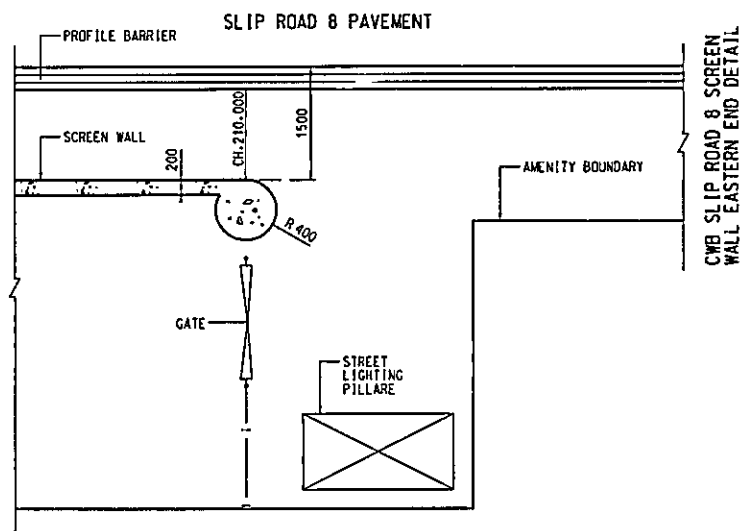
c.c. R10/110
e.c. AECOM - Attn.: Mr. Raymond Pau

DAN/TS/gw

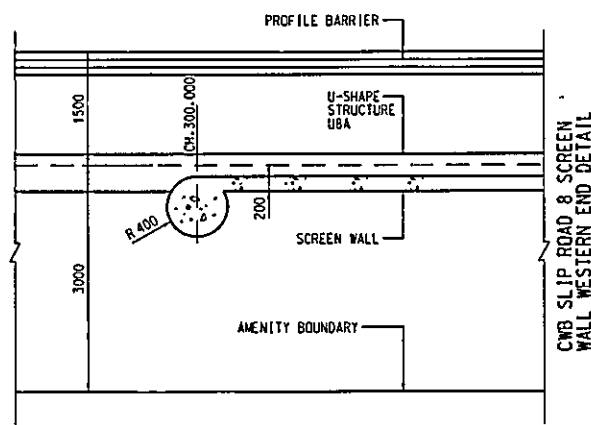


08B011205

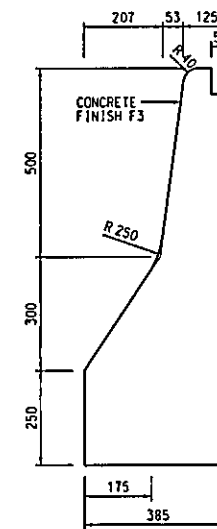
24 NOV 2017



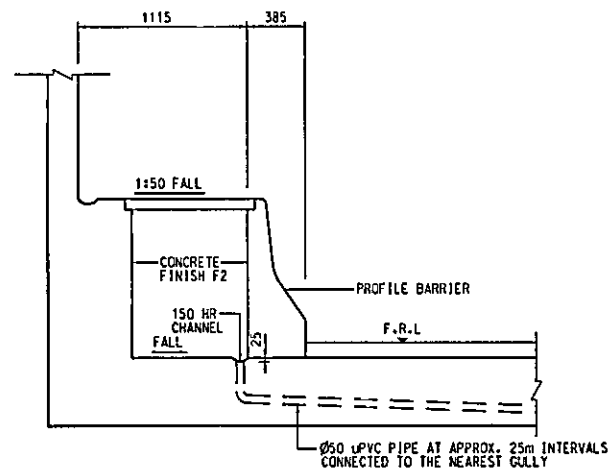
DETAIL '1'
SCALE A1 1 : 50
A3 1 : 100



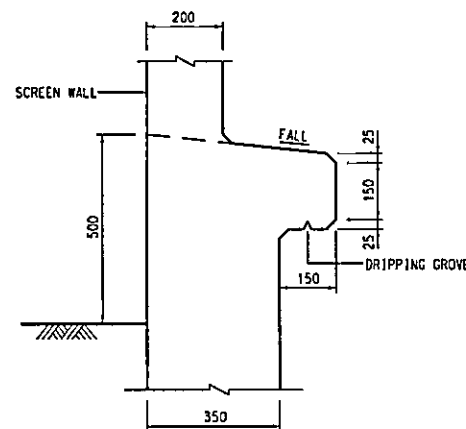
DETAIL '2'
SCALE A1 1 : 50
A3 1 : 100



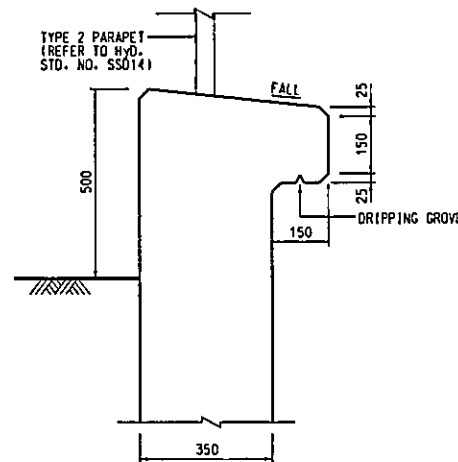
TYPICAL SECTION OF CONCRETE PROFILE BARRIER
SCALE A1 1 : 10
A3 1 : 20



TYPICAL DETAIL FOR UTILITY TROUGH
SCALE A1 1 : 25
A3 1 : 50



DETAIL '4'
SCALE A1 1 : 10
A3 1 : 20



DETAIL '5'
SCALE A1 1 : 10
A3 1 : 20

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 2. THIS SKETCH TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60095653/T2/3010 TO 3013.
 3. DETAILS OF CONCRETE PROFILE BARRIER SHALL REFER TO HYD STANDARD DRAWING NO. H2104.



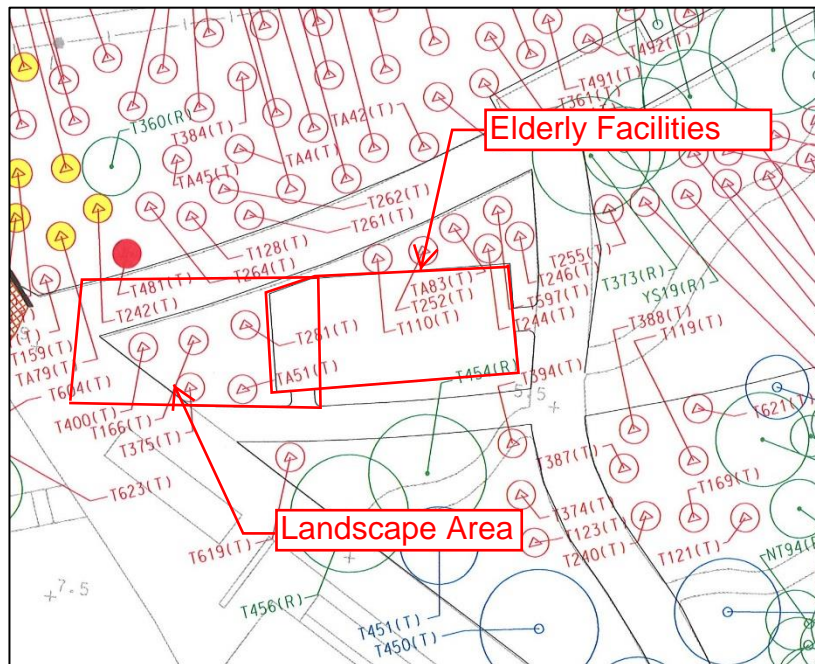
WALL PATTERN DETAIL FOR NOISE SCREENING
SCALE A1 1 : 25
A3 1 : 50

Rev.	Date	Description	Drawn	Prepared	Checked
-	24-11-17	WALL PATTERN DETAIL DELETED	CPL	TS	TS
AECOM					
CENTRAL - WAN CHAI BYPASS AND IEC LINK CONTRACT NO. HY/2010/08 CENTRAL - WAN CHAI BYPASS - TUNNEL (SLIP ROAD 8 SECTION)					
TITLE: U-SHAPE STRUCTURE MISCELLANEOUS DETAILS					
SKETCH NO. 60095653/T2/SK0760					SCALE AS SHOWN



Appendix D

Change of Landscaping Area above Slip Road 8



Elderly Facilities with tree planting plan

Our Ref. : CWN:PP:mplm:60095653/C8/M15/210/039/0950-2017006058T

22 June 2017

China State Construction Engineering (Hong Kong) Limited
29/F China Overseas Building
139 Hennessy Road
Wan Chai
Hong Kong

RECEIVED
24 JUN 2017
BY: JG1202

Attn.: Mr. Thomas Lui

Dear Sir,

Contract No. HY/2010/08
Central-Wan Chai Bypass – Tunnel (Slip Road 8 Section)

Variation Order No. V/039
Additional Elderly Fitness Facilities within Victoria Park

In accordance with Clause 60 of the General Conditions of Contract as amended by the Special Conditions of Contract Clause SCC 80, please carry out the following:-

1. Supply similar to the attached photographs and install three sets (maximum) elderly fitness equipment as discussed and recorded in Victoria Park Working Group Meeting No. 47 in the "Elderly Fitness Area" as shown on the attached Sketch No. 60095653/T2/SK0720. The exact details and location of the elderly fitness equipment shall be confirmed and agreed on site with the ER.

Please provide relevant information for this VO not limited to the invoices and build up rates to assist in the determination of the valuation of the variation order pursuant to Clause 7.2(c) of Annex A to Special Conditions of Contract Clause SCC 83.

Yours faithfully,
For and on behalf of
AECOM Asia Co. Ltd.



Conrad Ng
Executive Director

Encl.

Received by: 
(Contractor's Representative)

Date: 23/6/2017

c.c. CE3/MW, HyD - Attn.: Mr. Stephen Wong
PRE/CWB - Attn.: Mr. Peter Poon
SRQS-B / RQS-B2

Cheng, Sui Fai (CN - Hong Kong)

From: Chan Hiu Lam, Toby <toby.chan@cwbaecom.com>
Sent: 2018年10月22日星期一 11:30
To: Johnny Leung
Cc: Siu Chi Man, Terry; Ho Shui Tim; Chan Hau Lui, Alan; Choi Hon Ping; Lam, Hillson Kai Yeung (CN - Hong Kong); Cheng, Sui Fai (CN - Hong Kong)
Subject: FW: Revised location of Elderly Facilities
Attachments: Original approved Elderly Facilities Layout Plan.pdf; Section of Original Approved Elderly Facilities.pdf; Revised elderly facilities layout plan.pdf

Dear Johnny,

As confirmed by VPMO, we have no objection to the revised layout of elderly fitness facilities.

Regards,
Toby

From: Kenny KT HO [<mailto:kktho@lcsd.gov.hk>]
Sent: Monday, October 22, 2018 10:44 AM
To: Chan Hiu Lam, Toby
Cc: Eric CY CHAN; Siu Chi Man, Terry; Ho Shui Tim; Chan Hau Lui, Alan; Choi Hon Ping
Subject: Fw: Revised location of Elderly Facilities

Dear Toby,

We have no comment for the revised location of elderly facilities.

Regards,
Kenny HO
AM(VP)2
Tel: 2890 4204

----- Forwarded by Kenny KT HO/LCSD/HKSARG on 22/10/2018 10:37 -----

From: "Chan Hiu Lam, Toby" <toby.chan@cwbaecom.com>
To: 'Kenny KT HO' <kktho@lcsd.gov.hk>, Eric CY CHAN <ecyichan@lcsd.gov.hk>
Cc: "Siu Chi Man, Terry" <Terry.Siu@cwbaecom.com>, Ho Shui Tim <st.ho@cwbaecom.com>, "Chan Hau Lui, Alan" <Alan.Chan@cwbaecom.com>, Choi Hon Ping <hp.choi@cwbaecom.com>
Date: 18/10/2018 17:14
Subject: RE: Revised location of Elderly Facilities

Dear Kenny,

Just called you but in vain. Refer to below email, it is highly appreciated if you could provide your comments (if any) on the revised layout of elderly fitness facilities by 19 Oct 2018 since the Contractor will commence the installation works of equipment very soon.

Thanks.

Regards,
Toby

From: Ho Shui Tim
Sent: Friday, October 05, 2018 5:15 PM
To: 'Kenny KT HO'; Eric CY CHAN
Cc: Siu Chi Man, Terry; Chan Hiu Lam, Toby; Chan Hau Lui, Alan; Choi Hon Ping
Subject: FW: Revised location of Elderly Facilities

Dear Kenny and Eric,

As checked and informed by the Contractor, there would be insufficient cover for installing the equipment due to structural feature below the Elderly Facilities area. We have to slightly shift the layout to suit. Please advise if you have any comment to the revised layout. Details are attached for your reference.

Tim

From: Johnny Leung [mailto:yikwang_leung@cohl.com]

Sent: Friday, October 05, 2018 5:04 PM

To: Ho Shui Tim

Cc: Chan Hiu Lam, Toby; Siu Chi Man, Terry; Lam, Hillson Kai Yeung (CN - Hong Kong); Cheng, Sui Fai (CN - Hong Kong)

Subject: Revised location of Elderly Facilities

Dear Tim,

According to the site record, we found the design clearance of the elderly facilities at the middle area is not sufficient to install the proposed equipment. Therefore, we propose to shift the whole set of the equipment 1.5m toward east side. We also checked that the safety zone of the revised location is complied with LCSD's requirement (1830mm). Please assist us to seek for VPMO comment.

Original approved location plan with sectional view and new revised location plan are enclosed for your reference.

Regards,

Johnny Leung

Deputy Site Agent

HK/2010/08 Wan Chai Bypass – Tunnel (Slip Road 8 section)

t: +852 3557 6371 | m: +852 9494 0581 | f: +852 2566 8061 |

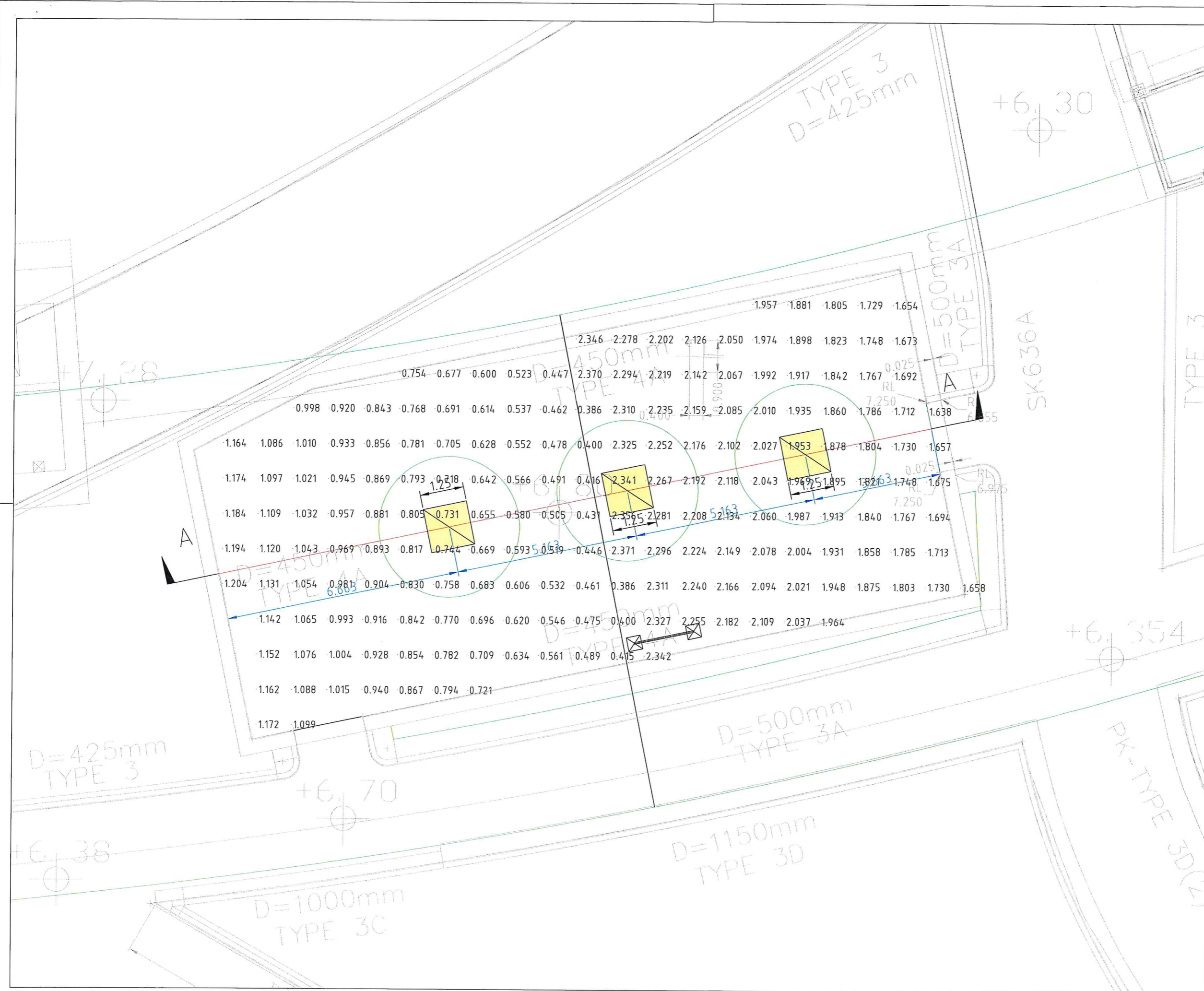
e: yikwang_leung@cohl.com



中國建築工程(香港)有限公司

CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LIMITED

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- NOTES:
1. ALL LEVELS SHOWN ARE IN METRES REFER TO HONG KONG PRINCIPAL DATUM (HKMPD) UNLESS OTHERWISE STATED.
 2. GRID LINES ARE IN H.K. METRIC GRID 1980.
 3. DECIMAL POINT OF SPOT HEIGHT IS THE SURVEYED POSITION OF SURVEYED POINT.


 路政署
 Highways Department
 主要工程管理處
 Major Works Project Management Office

CENTRAL - WAN CHAI BYPASS - TUNNEL
 (SLIP ROAD 8 SECTION)

TITLE


 中國建築工程(香港)有限公司
 CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.


AECOM

DRG. NO. 圖紙編號

CONTRACT NO. 合約編號	DATE OF ISSUE 發出日期
HY/2010/08	03 Oct, 2018

CHECKED BY 覆核	DRAWN BY 繪圖
SK Chow	KC Chung

SCALE 比例	STATUS 階段
1:100	INFORMATION

DIMENSIONS ARE IN 單位尺寸	PAPER SIZE 圖紙尺寸	SHEET 1 OF 1
METRES	A3	



標準工作程序

表格編號:

業主代表指令合約評審

文件編號: V1039

發出日期: 26-6-2017

* 備 註

- | | | | | | |
|--|---|-------------------------------------|---|-------------------------------------|-------|
| 1. 技術上是否可行 | 是 | <input checked="" type="checkbox"/> | 否 | <input type="checkbox"/> | _____ |
| 2. 是否影響進度 | 是 | <input checked="" type="checkbox"/> | 否 | <input type="checkbox"/> | _____ |
| 3. 是否需要額外要求 | 是 | <input checked="" type="checkbox"/> | 否 | <input type="checkbox"/> | _____ |
| 4. 是否有窩工 | 是 | <input checked="" type="checkbox"/> | 否 | <input type="checkbox"/> | _____ |
| 5. 是否有廢工 | 是 | <input type="checkbox"/> | 否 | <input checked="" type="checkbox"/> | _____ |
| 6. 是否有重大修改而需寫字樓協助。
(如答案屬是則需將評審複印上寫字樓處理) | 是 | <input type="checkbox"/> | 否 | <input checked="" type="checkbox"/> | _____ |

地盤負責人簽名: 

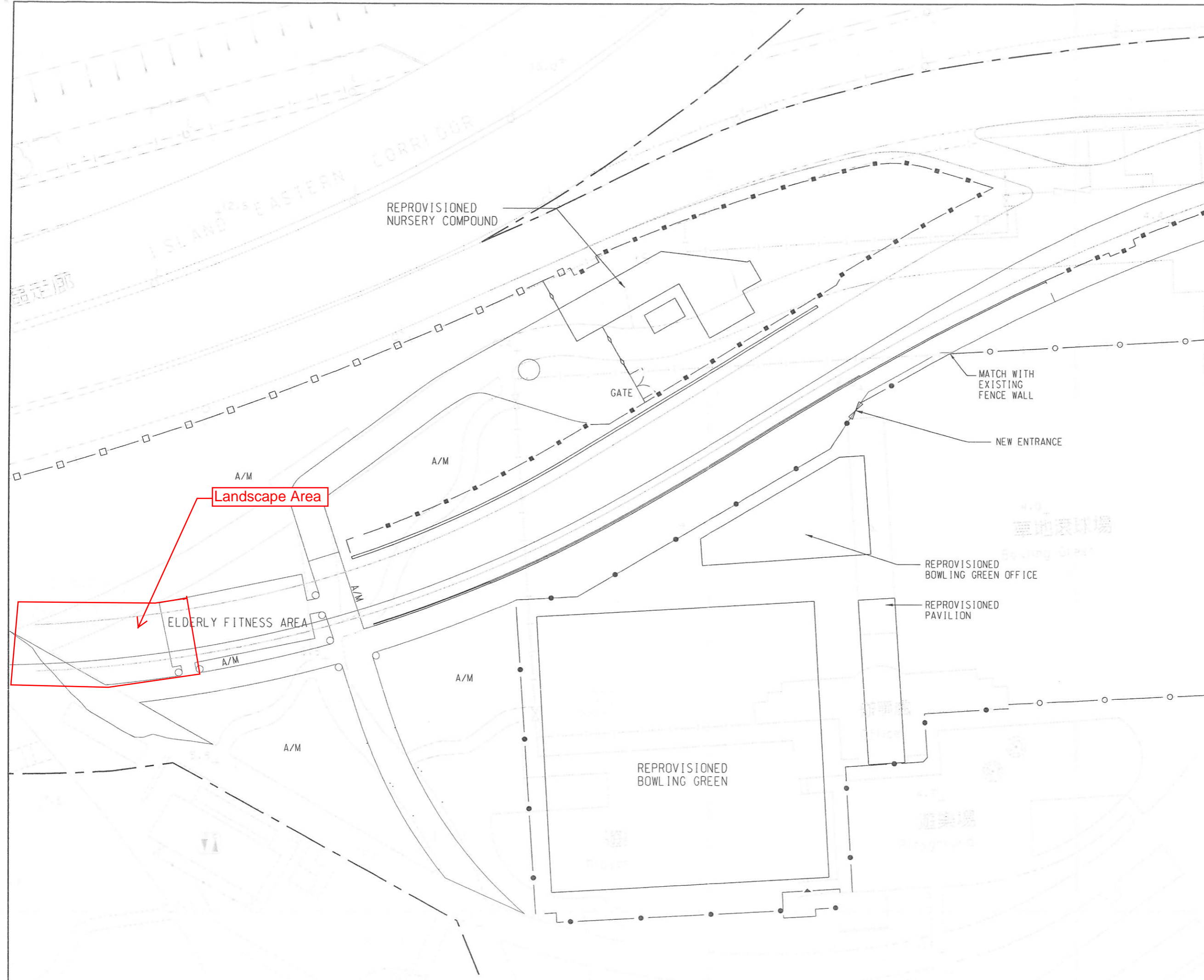
日期: 26/6/2017

*地盤負責人須在備註中簡述合約評審時所作之工作。

Elderly Fitness Equipment







NOTE:

1. FOR SETTING OUT DESIGN REFER TO SKETCH NO. 60095653/T2/SK0690.

LEGEND:

- SITE BOUNDARY
- BOUNDARY FENCE (DETAILS REFER TO DRG. NO. 60095653/T2/5542)
- FENCE WALL (DETAILS REFER TO DRG. NO. 60095653/T2/5543)
- EXISTING BOUNDARY FENCE TO BE MAINTAINED
- ◇---◇ METAL FENCE

Rev.	Date	Description	CPL	TH
-	13-06-17	FOR CONSTRUCTION	CPL	TH



CENTRAL - WAN CHAI BYPASS AND IEC LINK
 CONTRACT NO. HY/2010/08
 CENTRAL - WAN CHAI BYPASS - TUNNEL
 (SLIP ROAD 8 SECTION)

TITLE:
 LAYOUT FOR ELDERLY FITNESS AREA
 IN VICTORIA PARK

SKETCH NO. 60095653/T2/SK0720 SCALE 1:500(A3)

Your Ref. :
 Our Ref. : CWB/(HY/2010/08)/M15/210/08B010502

29 July 2017

China State Construction Engineering (Hong Kong) Limited
 29/F China Overseas Building,
 139 Hennessy Road,
 Wan Chai,
 Hong Kong

3 : JUL 2017
 BY IS/2357

Attn.: Mr. Thomas Lui

Dear Sir,

Contract No. HY/2010/08
Central-Wan Chai Bypass Tunnel (Slip Road 8 Section)

Additional Elderly Fitness Facilities within Victoria Park

I refer to the VO No. 39 issued to you on 22 June 2017 for the captioned.

I enclose for your construction a copy of Sketch No. 60095653/T2/SK0690 showing the setting out details for the elderly fitness area and the adjacent footpaths within Victoria Park.

Yours faithfully,
 For and on behalf of
 AECOM Asia Co. Ltd.



Denis Norton
 Engineer's Representative

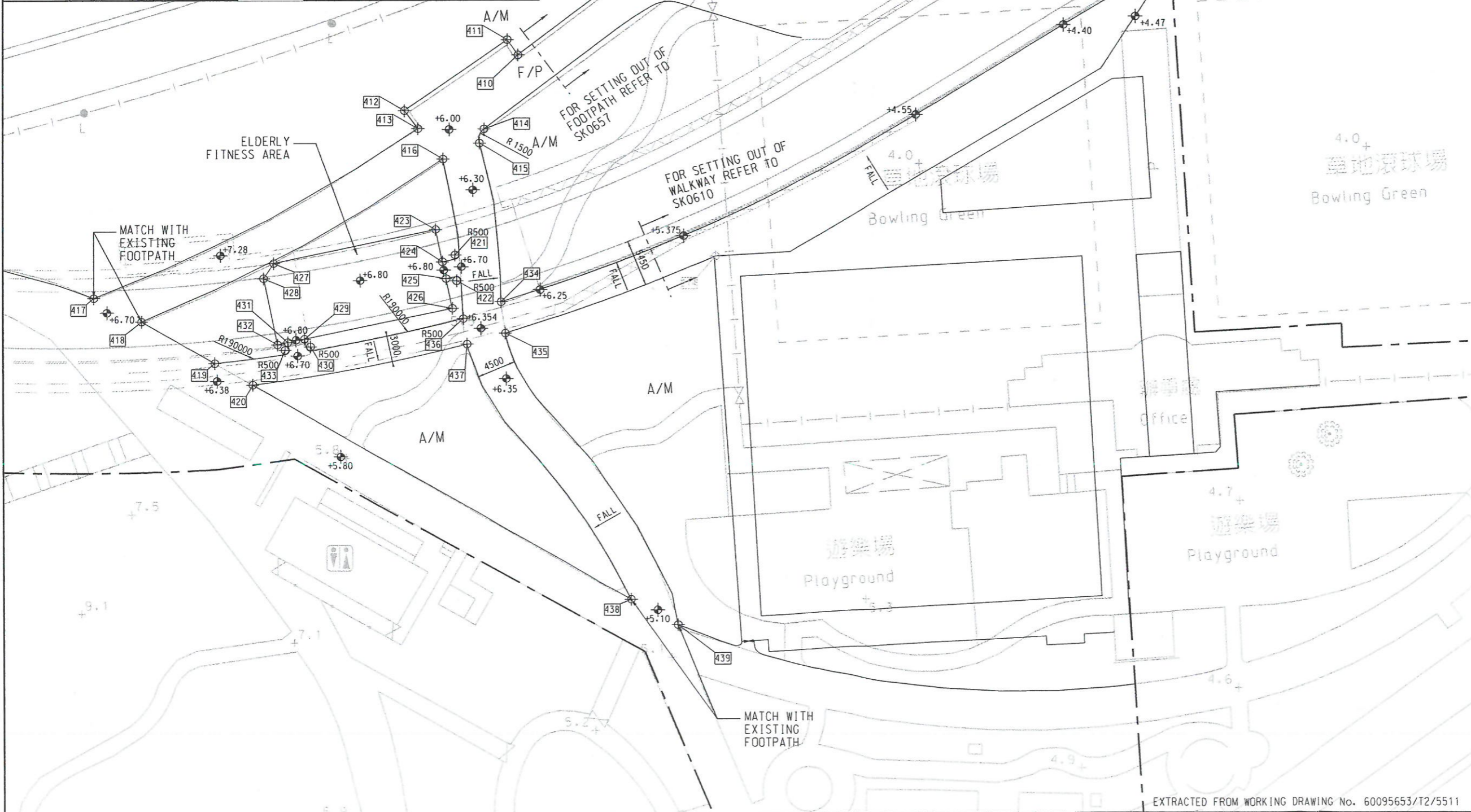
Encl.

c.c. R10/110
 e.c. AECOM - Attn.: Mr. Raymond Pau

in
 DAN/TS/TH/wc

CHINA STATE CONSTRUCTION ENGINEERING (H.K.) LTD	
HY/2010/08 FILE	
	ACT. DATE / SIGN.
PD	
SM	
SA	
SCM	
CMIS&P	/// b.
ENV	/// DC
TRAFFIC	
PLANNING	
DCM(TS)	
DCM(M)	
LANDSCAPE	
DESIGN	
IT&IU	
CMM/M	
POS	///
SURVEY	///
SAFETY	
ENV	
QA	///
ADMIN/CLO	

SETTING OUT POINT	COORDINATES		SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING		EASTING	NORTHING
410	837435.895	816137.049	426	837428.287	816107.493
411	837434.649	816138.825	427	837407.617	816112.771
412	837422.800	816130.580	428	837406.456	816110.995
413	837424.337	816128.476	429	837411.214	816103.919
414	837431.933	816128.434	430	837411.914	816103.015
415	837431.406	816126.778	431	837409.256	816103.510
416	837427.216	816124.923	432	837408.075	816103.262
417	837386.808	816108.725	433	837408.942	816102.621
418	837392.356	816105.963	434	837433.915	816108.251
419	837400.837	816101.101	435	837434.412	816104.577
420	837405.223	816098.578	436	837429.522	816106.295
421	837428.578	816113.728	437	837429.960	816103.314
422	837428.775	816110.707	438	837448.895	816073.494
423	837426.361	816116.694	439	837454.329	816070.497
424	837427.151	816112.920	440	837571.908	816169.695
425	837427.561	816110.963	441	837573.758	816172.821



NOTES:
 1. ALL CO-ORDINATES ARE IN ACCORDANCE WITH H.K. (1980) GEODETIC DATUM.
 2. ALL DIMENSION IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

LEGEND:
 --- SITE BOUNDARY
 F/P FOOTPATH
 A/M AMENITY AREA
 CURVE RADIUS
 [Symbol] SETTING OUT POINT
 [Symbol] FINISHED ROAD LEVEL (mPD)

12-04-11	FOR CONSTRUCTION	CPL	TH
Rev.	Date	Description	Drawn/Prepared/Checked

AECOM

CENTRAL - WAN CHAI BYPASS AND IEC LINK
 CONTRACT NO. HY/2010/08
 CENTRAL - WAN CHAI BYPASS - TUNNEL
 (SLIP ROAD 8 SECTION)

TITLE:
 SETTING OUT PLAN FOR ELDERLY FITNESS AREA AND ADJACENT FOOTPATHS IN VICTORIA PARK

SKETCH NO. 60095653/T2/SK0690 SCALE 1:500(A3)



Appendix E

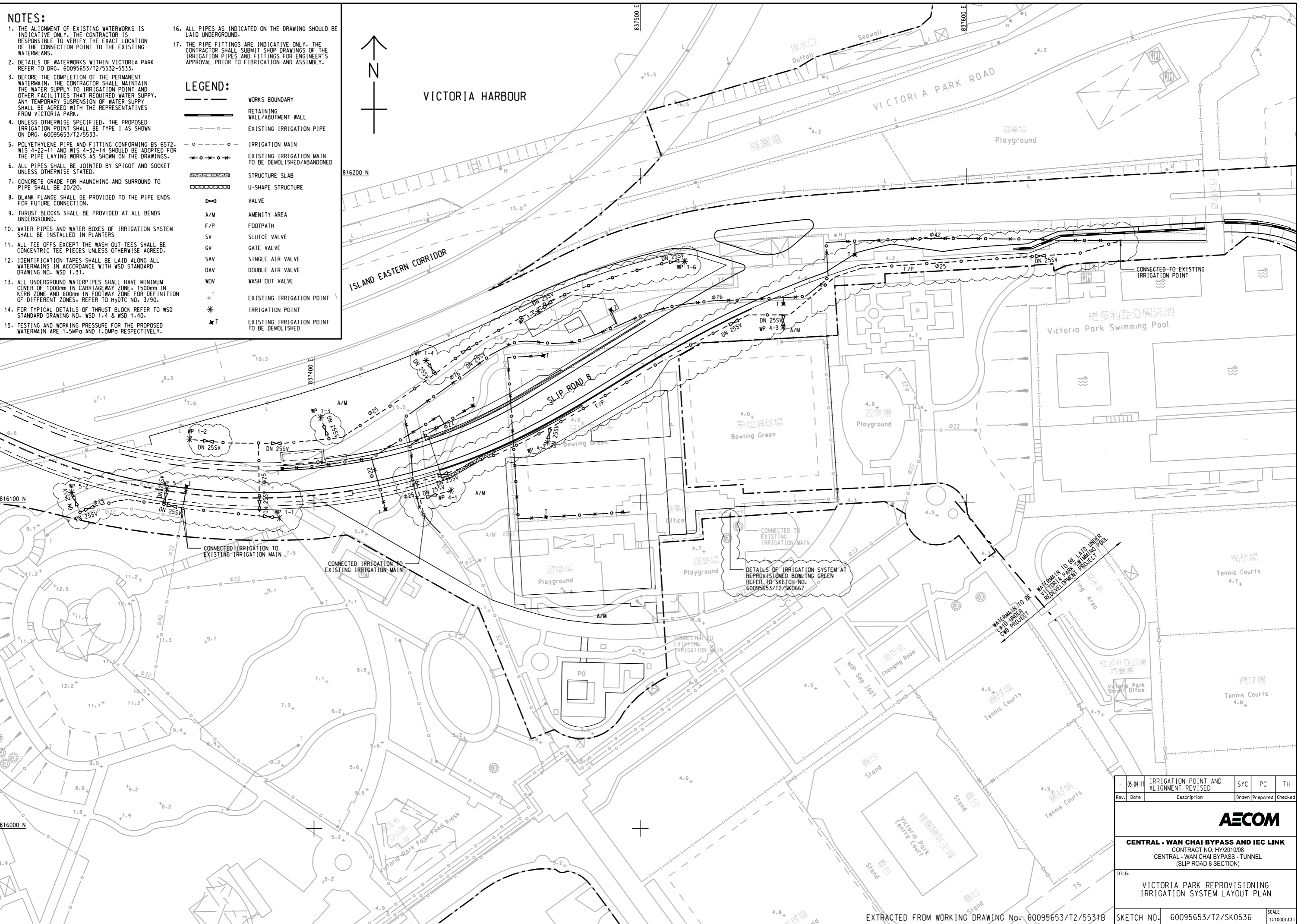
Victoria Park Re-provisioning Irrigation System Layout Plan

NOTES:

1. THE ALIGNMENT OF EXISTING WATERWORKS IS INDICATIVE ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXACT LOCATION OF THE CONNECTION POINT TO THE EXISTING WATERMANS.
2. DETAILS OF WATERWORKS WITHIN VICTORIA PARK REFER TO DRG. 60095653/T2/5532-5533.
3. BEFORE THE COMPLETION OF THE PERMANENT WATERMAIN, THE CONTRACTOR SHALL MAINTAIN THE WATER SUPPLY TO IRRIGATION POINT AND OTHER FACILITIES THAT REQUIRED WATER SUPPLY. ANY TEMPORARY SUSPENSION OF WATER SUPPLY SHALL BE AGREED WITH THE REPRESENTATIVES FROM VICTORIA PARK.
4. UNLESS OTHERWISE SPECIFIED, THE PROPOSED IRRIGATION POINT SHALL BE TYPE 1 AS SHOWN ON DRG. 60095653/T2/5533.
5. POLYETHYLENE PIPE AND FITTING CONFORMING BS 6572, WIS 4-22-11 AND WIS 4-32-14 SHOULD BE ADOPTED FOR THE PIPE LAYING WORKS AS SHOWN ON THE DRAWINGS.
6. ALL PIPES SHALL BE JOINTED BY SPIGOT AND SOCKET UNLESS OTHERWISE STATED.
7. CONCRETE GRADE FOR HAUNCHING AND SURROUND TO PIPE SHALL BE 20/20.
8. BLANK FLANGE SHALL BE PROVIDED TO THE PIPE ENDS FOR FUTURE CONNECTION.
9. THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS UNDERGROUND.
10. WATER PIPES AND WATER BOXES OF IRRIGATION SYSTEM SHALL BE INSTALLED IN PLANTERS.
11. ALL TEE OFFS EXCEPT THE WASH OUT TEES SHALL BE CONCENTRIC TEE PIECES UNLESS OTHERWISE AGREED.
12. IDENTIFICATION TAPES SHALL BE LAID ALONG ALL WATERMANS IN ACCORDANCE WITH WSD STANDARD DRAWING NO. WSD 1.31.
13. ALL UNDERGROUND WATERPIPES SHALL HAVE MINIMUM COVER OF 100mm IN CARRIAGEWAY ZONE, 150mm IN KERB ZONE AND 600mm IN FOOTWAY ZONE FOR DEFINITION OF DIFFERENT ZONES. REFER TO HYDTC NO. 3/90.
14. FOR TYPICAL DETAILS OF THRUST BLOCK REFER TO WSD STANDARD DRAWING NO. WSD 1.4 & WSD 1.40.
15. TESTING AND WORKING PRESSURE FOR THE PROPOSED WATERMAIN ARE 1.5MPa AND 1.0MPa RESPECTIVELY.
16. ALL PIPES AS INDICATED ON THE DRAWING SHOULD BE LAID UNDERGROUND.
17. THE PIPE FITTINGS ARE INDICATIVE ONLY. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE IRRIGATION PIPES AND FITTINGS FOR ENGINEER'S APPROVAL PRIOR TO FABRICATION AND ASSEMBLY.

LEGEND:

- WORKS BOUNDARY
- RETAINING WALL/ABUTMENT WALL
- - - - - EXISTING IRRIGATION PIPE
- - - - - IRRIGATION MAIN
- - - - - EXISTING IRRIGATION MAIN TO BE DEMOLISHED/ABANDONED
- XXXXXXX STRUCTURE SLAB
- XXXXXXX U-SHAPE STRUCTURE
- ∇ VALVE
- A/M AMENITY AREA
- F/P FOOTPATH
- SV SLUICE VALVE
- GV GATE VALVE
- SAV SINGLE AIR VALVE
- DAV DOUBLE AIR VALVE
- WOV WASH OUT VALVE
- EXISTING IRRIGATION POINT
- * IRRIGATION POINT
- * T EXISTING IRRIGATION POINT TO BE DEMOLISHED



DETAILS OF IRRIGATION SYSTEM AT REPROVISIONED BOWLING GREEN REFER TO SKETCH NO. 60095653/T2/SK0667

WATERMAIN TO BE LAID UNDER VICTORIA PARK SWIMMING POOL REDEVELOPMENT PROJECT

Rev.	Date	Description	SYC	PC	TH
05-04-17		IRRIGATION POINT AND ALIGNMENT REVISED			

AECOM

CENTRAL - WAN CHAI BYPASS AND IEC LINK
 CONTRACT NO. HY/2010/08
 CENTRAL - WAN CHAI BYPASS - TUNNEL
 (SLIP ROAD 8 SECTION)

TITLE: VICTORIA PARK REPROVISIONING IRRIGATION SYSTEM LAYOUT PLAN

SKETCH NO. 60095653/T2/SK0536 SCALE 1:1000(1:83)