

# Appendix J

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Bi-Monthly Landscape and Visual Audit Checklist

Contract No. HY/2019/01

Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –  
Phase 2 and Other Works

Establishment Inspection Checklist

Remarks / Recommendations for Contractor

Observation and/or Recommended Measures:

Portion A-1

- TG45: 5 *Grevillea banksii* (GB) are proposed to be replaced due to poor conditions.
- TG47: 22 *Grevillea robusta* (GR) are proposed to be replaced due to poor conditions.
- TG49: 1 *Grevillea banksii* (GB) is proposed to be replaced due to poor conditions.

Portion A-2

- Area C33 construction completed and handed over for disease control facilities. Other areas have no particular findings.

Portion A-3

- No Particular findings.

Portion B

- No particular findings.

Portion C

- TG19: 2 *Bauhinia variegata* (BV) are proposed to be replaced due to poor conditions.
- TG20: 1 *Heteropanax fragrans* (HF) is proposed to be replaced due to poor conditions.
- TG21: 1 *Bauhinia variegata* (BV), 6 *Heteropanax fragrans* (HF) are proposed to be replaced due to poor conditions.

Portion D

- TG02: 1 *Bauhinia variegata* (BV) is found dead.

Portion E

- No particular findings.

Portion F

- No particular findings.


Portion G

- TG38: 2 *Jacaranda acutifolia* (JA) are proposed to be replaced due to poor conditions.

Portion H

- No particular findings.

Signatures:

	Name	Signature	Date
ET's Representative	Aloysius Wong		12/12/2022
Contractor's Representative	Matthew Wu		12 Dec 22
PM's/Supervisor's Representative	CHAN Pak Kin (RSFO)		12 DEC 2022
IEC's Representative	Marcanty Yau		12 Dec 2022

**Contract No. HY/2019/01****Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –  
Phase 2 and Other Works****Establishment Inspection Checklist**

Date of Site Audit:	2022-12-12	Time of Site Audit:	9:30.- 11:30
Site Auditor:	Aloysius Wong	Humidity:	61%
Weather Condition:	Fine	Temperature:	15.1°C

Item	Description	N.A. or N.O.	Yes	No	Remarks
<b>1 Portion A-1</b>					
1.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
1.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			
1.3	Are litter and debris removed?		✓		
1.4	Are planting areas matched with the approved landscape plan?		✓		
1.5	Is planting pattern matched with the approved landscape plan?		✓		
1.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
1.7	Are the planting species on site matched with the approved landscape plan?		✓		
1.8	Are the plants in satisfied condition?		✓		See Obs. for TG45, TG47 & TG48
1.9	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?		✓		
1.10	Are trees or limb overhanging branches pruned?	N.O.			
<b>2 Portion A-2</b>					
2.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
2.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			
2.3	Are litter and debris removed?		✓		
2.4	Are planting areas matched with the approved landscape plan?		✓		
2.5	Is planting pattern matched with the approved landscape plan?		✓		
2.6	Are planting locations and spacing matched with the approved landscape plan?		✓		

**Contract No. HY/2019/01****Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities – Phase 2 and Other Works****Establishment Inspection Checklist**

Item	Description	N.A. or N.O.	Yes	No	Remarks
2.7	Are the planting species on site matched with the approved landscape plan?		✓		
2.8	Are the plants in satisfied condition?		✓		
<b>3 Portion A-3</b>					
3.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
3.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			
3.3	Are litter and debris removed?		✓		
3.4	Are planting areas matched with the approved landscape plan?		✓		
3.5	Is planting pattern matched with the approved landscape plan?		✓		
3.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
3.7	Are the planting species on site matched with the approved landscape plan?		✓		
3.8	Are the plants in satisfied condition?		✓		
<b>4 Portion B</b>					
4.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
4.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			
4.3	Are litter and debris removed?		✓		
4.4	Are planting areas matched with the approved landscape plan?		✓		
4.5	Is planting pattern matched with the approved landscape plan?		✓		
4.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
4.7	Are the planting species on site matched with the approved landscape plan?		✓		
4.8	Are the plants in satisfied condition?		✓		

**Contract No. HY/2019/01****Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –  
Phase 2 and Other Works****Establishment Inspection Checklist**

Item	Description	N.A. or N.O.	Yes	No	Remarks
4.9	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?		✓		
4.10	Are trees or limb overhanging branches pruned?	N.O.			
<b>5 Portion C</b>					
5.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
5.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			
5.3	Are litter and debris removed?		✓		
5.4	Are planting areas matched with the approved landscape plan?		✓		
5.5	Is planting pattern matched with the approved landscape plan?		✓		
5.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
5.7	Are the planting species on site matched with the approved landscape plan?		✓		
5.8	Are the plants in satisfied condition?		✓		See Obs. for TG19, TG20 & TG21
5.9	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?		✓		
5.10	Are trees or limb overhanging branches pruned?	N.O.			
<b>6 Portion D</b>					
6.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
6.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			
6.3	Are litter and debris removed?		✓		
6.4	Are planting areas matched with the approved landscape plan?		✓		
6.5	Is planting pattern matched with the approved landscape plan?		✓		
6.6	Are planting locations and spacing matched with the approved landscape plan?		✓		

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Item	Description	N.A. or N.O.	Yes	No	Remarks
6.7	Are the planting species on site matched with the approved landscape plan?		✓		
6.8	Are the plants in satisfied condition?		✓		See Observations for TG02.
6.9	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?		✓		
6.10	Are trees or limb overhanging branches pruned?	N.O.			
<b>7 Portion E</b>					
7.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
7.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			
7.3	Are litter and debris removed?		✓		
7.4	Are planting areas matched with the approved landscape plan?		✓		
7.5	Is planting pattern matched with the approved landscape plan?		✓		
7.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
7.7	Are the planting species on site matched with the approved landscape plan?		✓		
7.8	Are the plants in satisfied condition?		✓		
7.9	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?		✓		
7.10	Are trees or limb overhanging branches pruned?	N.O.			
<b>8 Portion F</b>					
8.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
8.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			
8.3	Are litter and debris removed?		✓		
8.4	Are planting areas matched with the approved landscape plan?		✓		

**Contract No. HY/2019/01****Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –  
Phase 2 and Other Works****Establishment Inspection Checklist**




Item	Description	N.A. or N.O.	Yes	No	Remarks
8.5	Is planting pattern matched with the approved landscape plan?		✓		
8.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
8.7	Are the planting species on site matched with the approved landscape plan?		✓		
8.8	Are the plants in satisfied condition?		✓		
8.9	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?		✓		
8.10	Are trees or limb overhanging branches pruned?	N.O.			
<b>9 Portion G</b>					
9.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
9.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			
9.3	Are litter and debris removed?		✓		
9.4	Are planting areas matched with the approved landscape plan?		✓		
9.5	Is planting pattern matched with the approved landscape plan?		✓		
9.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
9.7	Are the planting species on site matched with the approved landscape plan?		✓		
9.8	Are the plants in satisfied condition?		✓		See Obs. for TG38
9.9	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?		✓		
9.10	Are trees or limb overhanging branches pruned?	N.O.			
<b>10 Portion H</b>					
10.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		
10.2	After exceptional weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	N.O.			

**Contract No. HY/2019/01****Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –  
Phase 2 and Other Works****Establishment Inspection Checklist**

Item	Description	N.A. or N.O.	Yes	No	Remarks
10.3	Are litter and debris removed?		✓		
10.4	Are planting areas matched with the approved landscape plan?		✓		
10.5	Is planting pattern matched with the approved landscape plan?		✓		
10.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
10.7	Are the planting species on site matched with the approved landscape plan?		✓		
10.8	Are the plants in satisfied condition?		✓		
10.9	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?		✓		
10.10	Are trees or limb overhanging branches pruned?	N.O.			






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**Phase 2 and Other Works**  
**Establishment Inspection Checklist**

Follow-Up Action		
Location	Photo Record	
Portion A1	 <p>TG45: 5 <i>Grevillea banksii</i> (GB) are replaced.</p>	 <p>TG47: 22 <i>Grevillea robusta</i> (GR) are replaced.</p>
	 <p>TG49: 1 <i>Grevillea banksii</i> (GB) are replaced.</p>	



\*Note: According to AECOM, all the trees in poor condition are replaced.

**Contract No. HY/2019/01**  
**Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –**  
**Phase 2 and Other Works**  
**Establishment Inspection Checklist**

Follow-Up Action		
Location	Photo Record	
Portion C		
	TG19: 2 <i>Bauhinia variegata</i> (BV) are replaced.	TG20: 1 <i>Heteropanax fragrans</i> (HF) is replaced.
		
	TG21: 1 <i>Bauhinia variegata</i> (BV), 6 <i>Heteropanax fragrans</i> (HF) are replaced.	



\*Note: According to AECOM, all the trees in poor condition are replaced.

**Contract No. HY/2019/01**  
**Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –**  
**Phase 2 and Other Works**  
**Establishment Inspection Checklist**

Follow-Up Action				
Location		Photo Record		
Portion D				
		TG02: 1 <i>Bauhinia variegata</i> (BV) is replaced.		
Portion G				
		TG38: 2 <i>Jacaranda acutifolia</i> (JA) are replaced.		

\*Note: According to AECOM, all the trees in poor condition are replaced.

**GENERAL CONDITIONS**



Location	Photo Record
<b>Portion A-1</b>	 A wide-angle photograph showing a grassy area in the foreground. To the right, there is a concrete embankment with some sparse vegetation. In the background, a multi-level bridge structure with white railings and blue signs is visible under a clear blue sky.
<b>Portion A-2</b>	 A photograph taken from a grassy area looking towards a bridge. The bridge has concrete pillars and a white railing. A white van is visible on the bridge deck. The foreground is filled with green grass and some weeds.

Contract No. HY/2019/01

Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –  
Phase 2 and Other Works

Establishment Inspection Checklist

**GENERAL CONDITIONS**

Location	Photo Record
<p><b>Portion A-3</b></p>	 A wide-angle photograph showing a large, flat area covered in tall, green grass. In the background, a multi-level concrete elevated roadway or bridge structure is visible under a blue sky with scattered white clouds. Several tall, thin light poles are positioned along the roadway.
<p><b>Portion B</b></p>	 A photograph of a paved road area. In the foreground, there is a curved concrete curb bordering a small grassy median. A metal drainage grate is visible on the asphalt surface near the curb. In the background, a long, low structure with a series of repeating units, possibly a bus stop or a transit shelter, is visible under a blue sky with clouds.

Contract No. HY/2019/01

Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –  
Phase 2 and Other Works

Establishment Inspection Checklist

**GENERAL CONDITIONS**

Location	Photo Record
<p><b>Portion C</b></p>	 A photograph showing a landscaped area with a grassy slope. In the foreground, there are large green plants. A row of young trees is planted along the slope. In the background, a white building is visible, and mountains are in the distance under a cloudy sky.
<p><b>Portion D</b></p>	 A photograph showing a grassy field with a row of young trees supported by stakes. In the foreground, there is a long, low bed of purple flowers. A fence is visible behind the trees, and mountains are in the background under a cloudy sky.

Contract No. HY/2019/01

Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –  
Phase 2 and Other Works

Establishment Inspection Checklist

**GENERAL CONDITIONS**

Location	Photo Record
<p><b>Portion E</b></p>	
<p><b>Portion F</b></p>	

**GENERAL CONDITIONS**

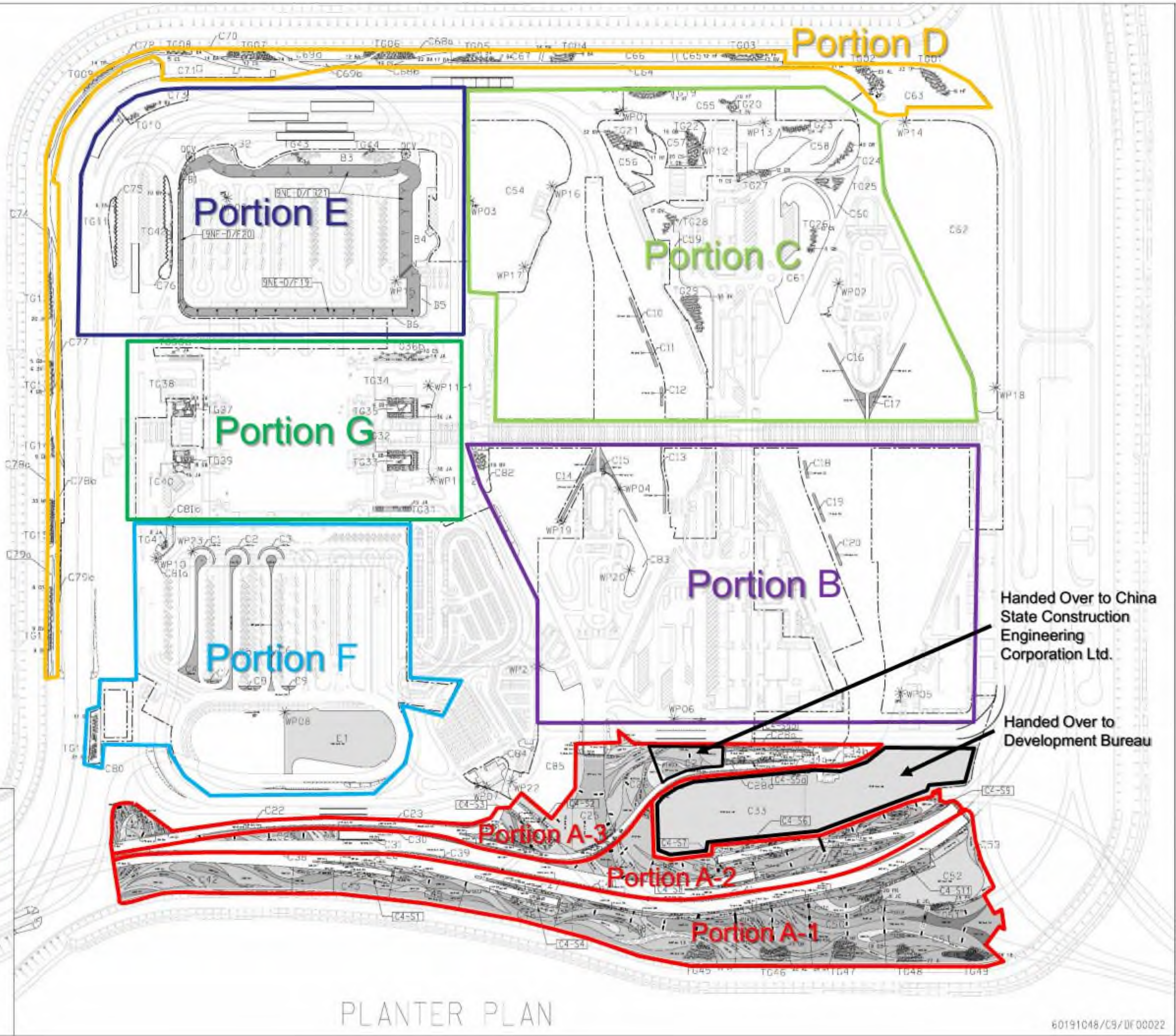
Location	Photo Record
<b>Portion G</b>	 <p data-bbox="799 1061 1086 1095">Tree planting in Portion G</p>
<b>Portion H</b>	 <p data-bbox="799 1865 1086 1899">Tree planting in Portion H.</p>



LEGEND:

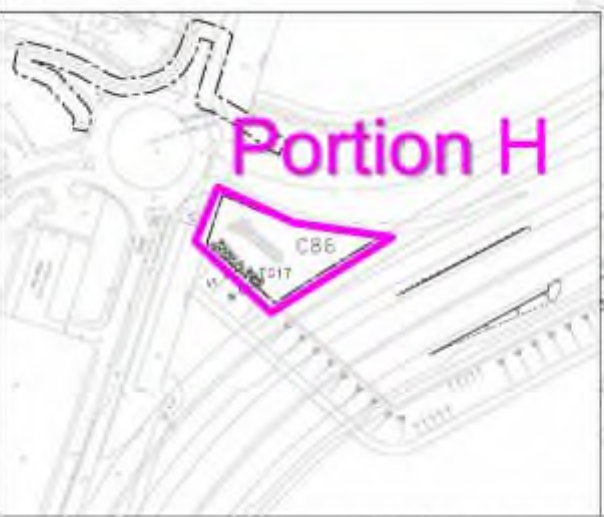
- SITE BOUNDARY
- EXISTING TURF MAINTAINED BY CH
- EXISTING SIMAR SLOPE MAINTAINED BY CH
- STONE SANITIC

Hydroseeding	
Ficus microcarpa 'golden leaves'	(700H x 700S) w/ 600 spacing
Ilex chinensis	(800H x 400S) w/ 350 spacing
Rhododendron pulcherrim	(800H x 400S) w/ 300 spacing
Rhododendron smil	(800H x 400S) w/ 300 spacing
Spatholium commutatum	(800H x 300S) w/ 200 spacing
Shorea robusta	(500H x 400S) w/ 350 spacing
Larrea tridentata	(200H x 300S) w/ 300 spacing
Ulmus spicata	(100H x 100S) w/ 100 spacing
Cedrela japonica	(100H x 150S) w/ 100 spacing
Syringia pectinata	(200H x 300S) w/ 200 spacing
Abutilon trifoliat	(100H x 100S) w/ 150 spacing
Zephyranthes candida	(100H x 100S) w/ 100 spacing
Zephyranthes rosea	(150H x 200S) w/ 150 spacing
Zizia sp.	
AL Abies balsam	(4.5m H x 3m S) w/ 4m spacing
BV Bauhinia variegata	(4.5m H x 3m S) w/ 4m spacing
BA Brassia actinophylla	(4.5m H x 2.5m S) w/ 3m spacing
CS Cassia coccinea	(4.5m H x 3m S) w/ 4m spacing
GB Grevillea bursifolia	(4.5m H x 2.5m S) w/ 3m spacing
GR Grevillea robusta	(4.5m H x 3m S) w/ 4m spacing
HF Hesperis matronalis	(4.5m H x 2.5m S) w/ 3m spacing
JA Jacaranda mimosifolia	(4.5m H x 3m S) w/ 4m spacing
JC Jasper chinensis	(4.5m H x 3m S) w/ 4m spacing
PR Platanus orientalis	(2.5m H x 2.5m S) w/ 3m spacing
TP Theophrasta populifolia	(4.5m H x 3m S) w/ 4m spacing



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