

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

- TG46: 2 dead *Grevillea banksii* (GB) removed, pending replacement; and 4 dead *Bauhinia variegata* (BV) replaced.
- TG47: 20 dead *Grevillea robusta* (GR) replaced; 1 previous missing GR replaced with wrong species, further replacement required.
- TG48: 18 *Grevillea banksii* (GB) are found on site. To be replaced by 18 *Plumeria rubra* (PR).
- TG49: 1 dead *Grevillea robusta* (GR) replaced.

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

- TG20: 2 *Heteropanax fragrans* (HF) are found missing.
- TG22: 2 *Grevillea banksia* (GB) are found missing. 2 *Cassia siamea* (CS) are planted.

Portion D

- TG02: 1 *Heteropanax fragrans* (HF) is found missing.
- TG03: 3 *Bauhinia variegata* (BV) and 9 *Heteropanax fragrans* (HF) are found missing.
- TG05: 3 *Brassaia actinophylla* (BA) and 4 *Bauhinia variegata* (BV) are found missing.
- TG06: 1 *Brassaia actinophylla* (BA) and 1 *Cassia siamea* (CS) are found missing.
- TG07: 1 *Brassaia actinophylla* (BA) and 2 *Cassia siamea* (CS) are found missing.
- TG12: 16 *Heteropanax fragrans* (HF) are found missing.
- TG13: 1 *Bauhinia variegata* (BV) is found missing.
- TG15: 10 *Heteropanax fragrans* (HF) are found missing.
- TG16: 4 *Bauhinia variegata* (BV) are found missing.

Portion E

- TG42: 4 *Bauhinia variegata* (BV) are found missing.

Portion F

- No particular findings.


Portion G

- No particular findings.

Portion H

- No particular findings.

Signatures:

	Name	Signature	Date
ET's Representative	Alexis Wong		20/6/2022
Contractor's Representative	Matthew Wu		20/6/2022
PM's/Supervisor's Representative	CHAN Pak Kin (CRSFO)		20 JUN 2022
IEC's Representative	Theo Chan		14 July 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:	2022-06-20	Time of Site Audit:	9:45-11:30
Site Auditor:	Aloysius Wong	Humidity:	73%
Weather Condition:	Overcast	Temperature:	30.1°C

Item	Description	N.A. or N.O.	Yes	No	Remarks
1 Portion A-1					
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?		✓		See Observations for TG48 & G47
1.8	Are the plants in satisfied condition?		✓		See Observations for TG46, TG47 & TG49
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.			
2 Portion A-2					
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?		✓		

Item	Description	N.A. or N.O.	Yes	No	Remarks
2.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
2.7	Are the planting species on site matched with the approved landscape plan?		✓		
2.8	Are the plants in satisfied condition?		✓		
3 Portion A-3					
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?		✓		
4 Portion 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?		✓		

Item	Description	N.A. or N.O.	Yes	No	Remarks
4.8	Are the plants in satisfied condition?		✓		
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.			
5 Portion C					
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 Observations for TG20 & TG22
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.			
6 Portion D					
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?		✓		

Item	Description	N.A. or N.O.	Yes	No	Remarks
6.6	Are planting locations and spacing matched with the approved landscape plan?		✓		
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, TG03, TG05, TG06, TG07, TG12, TG13, TG15 & TG16.
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.			
7 Portion E					
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?		✓		See Observations for TG42
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.			
8 Portion F					
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.			

Item	Description	N.A. or N.O.	Yes	No	Remarks
8.3	Are litter and debris removed?		✓		
8.4	Are planting areas matched with the approved landscape plan?		✓		
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.			
9 Portion G					
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?		✓		
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.			
10 Portion H					
10.1	Is watering provided to all plants to ensure satisfactory growth and health (manual and automatic irrigation)?		✓		

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
10.2	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.			
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.			

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

OBSERVATIONS





Location	Photo Record	
<p>Portion A-1</p>		
	<p>TG46: 2 dead <i>Grevillea banksii</i> (GB) removed, pending replacement.</p>	<p>TG47: 1 previous missing GR replaced with wrong species, further replacement required.</p>
		
<p>TG48: 18 <i>Grevillea banksii</i> (GB) are found on site. To be replaced by 18 <i>Plumeria rubra</i> (PR).</p>		

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

OBSERVATIONS			
Location		Photo Record	
Portion C			
	TG20: 2 <i>Heteropanax fragrans</i> (HF) are found missing.		TG22: 2 <i>Grevillea banksia</i> (GB) are found missing.
Portion D			
	TG02: 1 <i>Heteropanax fragrans</i> (HF) is found missing.		TG03: 3 <i>Bauhinia variegata</i> (BV) and 9 <i>Heteropanax fragrans</i> (HF) are found missing.




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

OBSERVATIONS


Location	Photo Record	
Portion D		
	<p>TG05: 3 <i>Brassaia actinophylla</i> (BA) and 4 <i>Bauhinia variegata</i> (BV) are found missing.</p>	<p>TG06: 1 <i>Brassaia actinophylla</i> (BA) and 1 <i>Cassia siamea</i> (CS) are found missing.</p>
		
<p>TG07: 1 <i>Brassaia actinophylla</i> (BA) and 2 <i>Cassia siamea</i> (CS) are found missing.</p>	<p>TG12: 16 <i>Heteropanax fragrans</i> (HF) are found missing.</p>	

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

OBSERVATIONS

Location	Photo Record	
<p>Portion D</p>		
	<p>TG13: 1 <i>Bauhinia variegata</i> (BV) is found missing.</p>	<p>TG15: 10 <i>Heteropanax fragrans</i> (HF) are found missing.</p>
		
	<p>TG16: 4 <i>Bauhinia variegata</i> (BV) are found missing.</p>	

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

OBSERVATIONS		
Location	Photo Record	
Portion E		
	TG42: 4 <i>Bauhinia variegata</i> (BV) are found missing.	

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
Portion A-1	 <p data-bbox="746 898 1142 931">Groundcover planting in Portion A-1</p>
Portion A-2	 <p data-bbox="786 1413 1102 1447">Grass Planting in Portion A-2</p>
Portion A-3	 <p data-bbox="786 2018 1102 2051">Grass Planting in Portion A-3</p>

**Contract No. HY/2019/01
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Phase 2 and Other Works
Establishment Inspection Checklist**

GENERAL CONDITIONS

Location	Photo Record
Portion B	 <p data-bbox="794 770 1091 801">Grass planting at Portion B</p>
Portion C	 <p data-bbox="794 1375 1091 1406">Tree planting in Portion C</p>
Portion D	 <p data-bbox="794 1980 1091 2011">Tree planting in Portion D</p>

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
Portion E	 <p>Tree planting in Portion E</p>
Portion F	 <p>Grass planting at Portion F</p>
Portion G	 <p>Tree planting in Portion G</p>



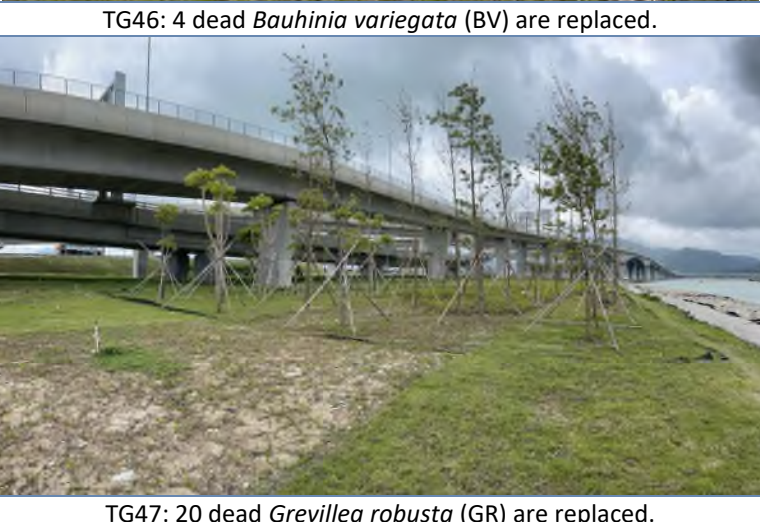
Contract No. HY/2019/01
Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities –
Phase 2 and Other Works
Establishment Inspection Checklist

GENERAL CONDITIONS

Location	Photo Record
<p>Portion H</p>	 <p data-bbox="799 775 1086 801">Tree planting in Portion H.</p>



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 A-1	
	 <p data-bbox="667 1464 1225 1496">TG46: 4 dead <i>Bauhinia variegata</i> (BV) are replaced.</p>
	 <p data-bbox="667 1984 1225 2016">TG47: 20 dead <i>Grevillea robusta</i> (GR) are replaced.</p>

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

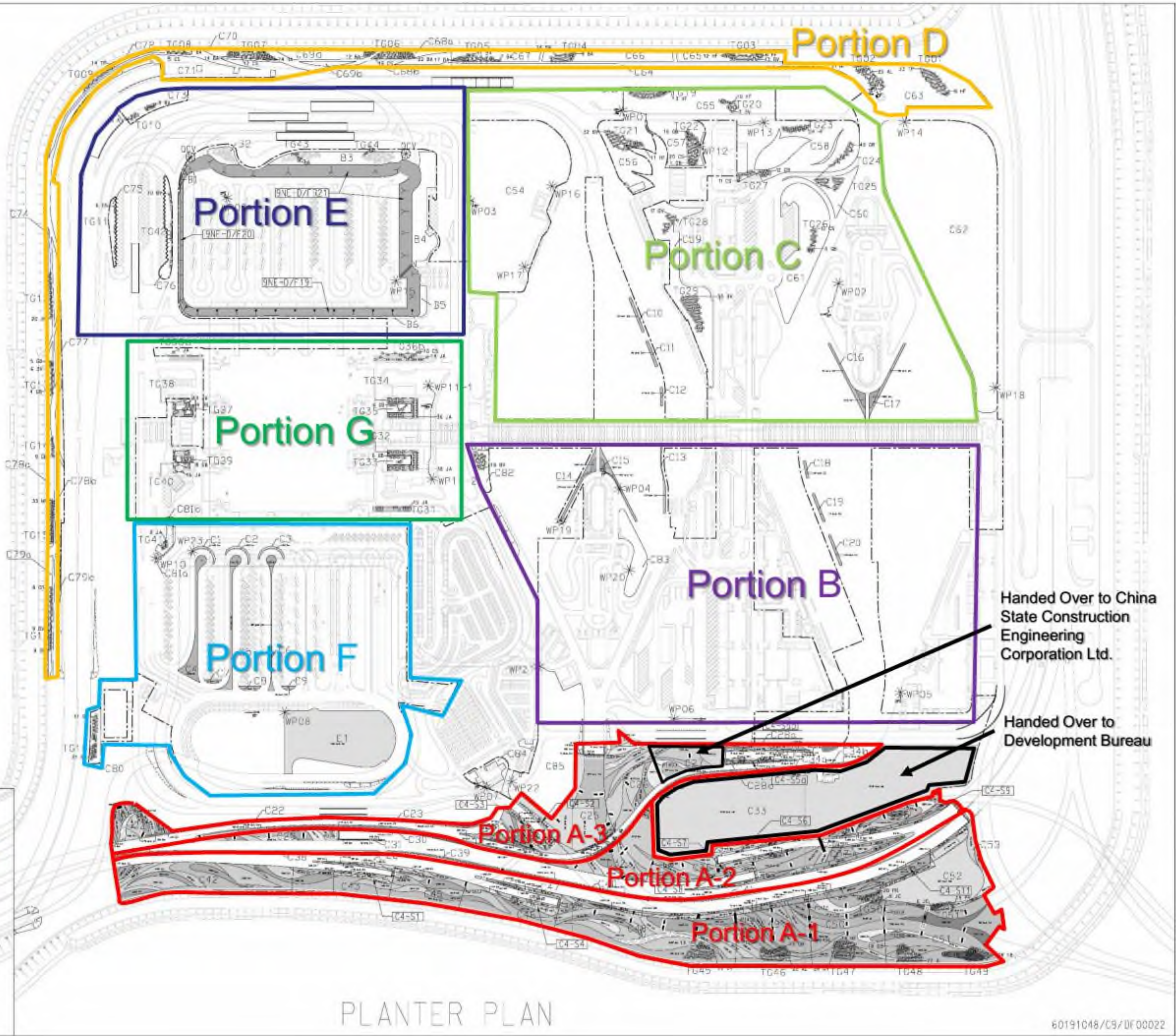
FOLLOW-UP ACTION

Location	Photo Record
	 <p data-bbox="692 770 1193 801">TG49: 1 dead <i>Grevillea robusta</i> (GR) replaced.</p>
Portion C	 <p data-bbox="523 1426 1362 1458">TG22: 2 <i>Cassia siamea</i> (CS) are planted. Total 20 <i>Cassia siamea</i> are observed.</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 pulcherrimum	(800H x 400S) w/ 300 spacing
Rhododendron smilax	(800H x 400S) w/ 300 spacing
Spatholium commutatum	(800H x 300S) w/ 200 spacing
Shorea robusta	(500H x 400S) w/ 350 spacing
Larix principis-rupprechtii	(200H x 300S) w/ 300 spacing
Ulmus parviflorus	(100H x 100S) w/ 100 spacing
Cedrela japonica	(100H x 150S) w/ 100 spacing
Syzygium pectinatum	(200H x 300S) w/ 200 spacing
Albizia julibrissin	(100H x 100S) w/ 150 spacing
Zaphrentes candida	(100H x 100S) w/ 100 spacing
Zaphrentes rosea	(150H x 200S) w/ 150 spacing
Zizia sp.	
AL Abies balsamifera	(4.5m H x 3m S) w/ 4m spacing
BV Bauhinia variegata	(4.5m H x 3m S) w/ 4m spacing
BA Brassia actinophylla	(3.4m H x 2.5m S) w/ 3m spacing
CS Cassia coccinea	(4.5m H x 3m S) w/ 4m spacing
GB Grevillea bursifolia	(3.4m H x 2.5m S) w/ 3m spacing
GR Grevillea robusta	(4.5m H x 3m S) w/ 4m spacing
HF Hesperis matronalis	(3.4m H x 2.5m S) w/ 3m spacing
JA Jacaranda mimosifolia	(4.5m H x 3m S) w/ 4m spacing
JC Juniperus chinensis	(4.5m H x 3m S) w/ 4m spacing
PR Platanus orientalis	(3.5m H x 2.5m S) w/ 3m spacing
TP Theophrasta populifolia	(4.5m H x 3m S) w/ 4m spacing



Handed Over to China State Construction Engineering Corporation Ltd.

Handed Over to Development Bureau

Portion H

PLANTER PLAN