

**APPENDIX H  
ECOLOGICAL MONITORING RESULTS**

Post-transplantation monitoring records for  
transplanted flora species  
(January 2024)

Contract No.: SS K509  
Design and Construction of  
Kong Nga Po Police Training Facilities

Monitoring and Maintenance Works Report

INSPECTION DATE: 31 JANUARY 2024  
REPORT DATE: 31 JANUARY 2024



*PREPARED BY:*  
**Lau Siu Yeung, Andy**  
(UKAA PR5206)

Template of Post-transplantation Monitoring Checklist  
Design and Construction of Kong Nga Po Police Training Facilities

Audit Ref. No. \_\_\_\_\_

Contract SS K509

\_\_\_\_\_

\_\_\_\_\_

Inspected By Lau Siu Yeung (Andy)

\_\_\_\_\_

\_\_\_\_\_

Inspection Date 31/01/2024

Time Period 10:00 to 13:00

**Part A Weather**

Condition  Sunny  Fine  Overcast  Drizzle  Rain  Storm  Hazy

Temperature 18.3 °C

Humidity  High (RH>90%)  Moderate (90%>RH>50%)  Low (RH<50%)

Wind  Calm  Light  Breeze  Strong

**Part B**

|  | N/A or not observed      | Yes                                 | No                       | Follow-up                | N/C                      | Remarks |
|--|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|---------|
| <b>1. <u>Cycadfern <i>Brainea insignis</i></u></b>   |                          |                                     |                          |                          |                          |         |
| 1.1 Are the plants' health conditions satisfactory?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.2 Are transplanted plants on site protected carefully?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.3 Are the temporary protective fence properly erected and maintained?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.4 Are the plant protection zone set 1m from the plants?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.5 Are all grassed and planted area kept free from weeds/unwanted plants?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.6 Is compaction of the soil avoided for the plants?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.7 Are litter/ unwanted material removed within the planting area?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.8 Are equipment or stockpile placed outside the protection zone?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.9 Are soil, debris or construction materials deposited around and against the trunk of a plant as this causes bark damage avoided? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.10 Are fixings driven into plants avoided?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.11 Are the plants used for anchoring or winching purposes or for the display of signs avoided?                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.12 Are the fire lit below the branches and petrol, oil or caustic substances stored near the plants avoided?                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.13 Are all plants kept free from pest, disease or fungal infection?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.14 Are there enough area for growth and development of plant roots?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.15a Is exposure of plant roots avoided?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 1.15b If not, were broken off or rotting of roots avoided?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |

|  | N/A or not observed      | Yes                                 | No                       | Follow-up                | N/C                      | Remarks |
|--|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|---------|
| <b>2. <u>Ladies Tresses <i>Spiranthes sinensis</i></u></b>                 |                          |                                     |                          |                          |                          |         |
| 2.1 Are the plants' health conditions satisfactory?                        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.2 Are transplanted plants on site protected carefully?                   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.3 Are the temporary protective fence properly erected and maintained?    | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.4 Are the plant protection zone set 1m from the plants?                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.5 Are all grassed and planted area kept free from weeds/unwanted plants? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.6 Is compaction of the soil avoided for the plants?                      | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.7 Are litter/ unwanted material removed within the planting area?        | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |

Template of Post-transplantation Monitoring Checklist  
Design and Construction of Kong Nga Po Police Training Facilities

|  | N/A or not observed      | Yes                                 | No                       | Follow-up                | N/C                      | Remarks |
|--|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|---------|
| 2.8 Are equipment or stockpile placed outside the protection zone?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.9 Are soil, debris or construction materials deposited around and against the trunk of a plant as this causes bark damage avoided? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.10 Are fixings driven into plants avoided?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.11 Are the plants used for anchoring or winching purposes or for the display of signs avoided?                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.12 Are the fire lit below the branches and petrol, oil or caustic substances stored near the plants avoided?                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.13 Are all plants kept free from pest, disease or fungal infection?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.14 Are there enough area for growth and development of plant roots?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.15a Is exposure of plant roots avoided?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.15b If not, were broken off or rotting of roots avoided?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |

|  | N/A or not observed      | Yes                      | No                       | Follow-up                | N/C                      | Remarks |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------|
| <del>3. <b><u>Incense Trees <i>Aquilaria sinensis</i></u></b></del>  |                          |                          |                          |                          |                          |         |
| <del>3.1 Are the trees's health conditions satisfactory?</del>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.2 Are transplanted trees on site protected carefully?</del>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.3 Are the temporary protective fence properly erected and maintained?</del>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.4 Are the tree protection zone set 1m from the trees?</del>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.5 Are all grassed and planted area kept free from weeds/unwanted plants?</del>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.6 Is compaction of the soil avoided for the trees</del>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.7 Are litter/ unwanted material removed within the planting area?</del>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.8 Are equipment or stockpile placed outside the protection zone?</del>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.9 Are soil, debris or construction materials deposited around and against the trunk of a tree as this causes bark damage avoided?</del> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.10 Are fixings driven into trees avoided?</del>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.11 Are the trees used for anchoring or winching purposes or for the display of signs avoided?</del>                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.12 Are the fire lit below the branches and petrol, oil or caustic substances stored near the trees avoided?</del>                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.13 Are all trees kept free from pest, disease or fungal infection?</del>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.14 Are there enough area for growth and development of tree roots?</del>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.15a Is exposure of tree roots avoided?</del>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.15b If not, were broken off or rotting of roots avoided?</del>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.16 Are wounds/mechanical injuries avoided on tree trunk?</del>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.17 Are leaning of trees avoided?</del>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.18 Are dead/detached branches avoided?</del>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| <del>3.19 Are decay/cavity avoided on tree trunks?</del>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |

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**Part C** Follow-up for the Previous Site Audit on Date: \_\_\_\_\_ (Ref. No. \_\_\_\_\_)

|     |  | N/A or not observed      | Yes                      | No                       | Follow-up                | N/C                      | Remarks |
|-----|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------|
| 1.  | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.  | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 3.  | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 4.  | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 5.  | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 6.  | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 7.  | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 8.  | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 9.  | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 10. | Is the situation in item _____ improved/rectified? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |

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**Remarks/Observations**

Cold weather condition posted adverse effect to the foliage of plants during 24 to 25 January 2024.

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**Signatures:**

Contractor's Representative



(Name: Lau Siu Yeung )  
(Date: 31/01/2024 )

Supervisor's Rep.

(Name: \_\_\_\_\_ )  
(Date: \_\_\_\_\_ )

| Tree/Plant/<br>Colony No. | Number of<br>Individuals | Species Name            | Form<br>(Good/Fair/Poor) | Health<br>(Good/Fair/Poor) | Remark  |
|---------------------------|--------------------------|-------------------------|--------------------------|----------------------------|---|
| C-0001                    | 01                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 02                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 03                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 04                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 05                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 06                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 07                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 08                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
| C-0002                    | 01                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 02                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 03                       | <i>Brainea insignis</i> | F                        | P                          | Young leaves observed   |
|                           | 04                       | <i>Brainea insignis</i> | F                        | P                          | Young leaves observed   |
|                           | 05                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 06                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 07                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 08                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
| C-0003                    | 01                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
| C-0004                    | 01                       | <i>Brainea insignis</i> | P                        | P                          | Young leaves at base; Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021 |
|                           | 02                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 03                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 04                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 05                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 06                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 07                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 08                       | <i>Brainea insignis</i> | F                        | P                          | Young leaves at base  |
|                           | 09                       | <i>Brainea insignis</i> | P                        | P                          | Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021                       |
|                           | 10                       | <i>Brainea insignis</i> | F                        | P                          | Young leaves at base  |
|                           | 11                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 12                       | <i>Brainea insignis</i> | F                        | P                          | Young leaves observed   |
|                           | 13                       | <i>Brainea insignis</i> | -                        | -                          | Stem not found<br>Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021     |
|                           | 14                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 15                       | <i>Brainea insignis</i> | P                        | P                          | Young leaves at base; Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021 |
|                           | 16                       | <i>Brainea insignis</i> | P                        | P                          | Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021                       |
|                           | 17                       | <i>Brainea insignis</i> | P                        | P                          | Young leaves observed   |
|                           | 18                       | <i>Brainea insignis</i> | -                        | -                          | Burned by bushfire initially outside the site boundary on 2 Feb 2021.   |
|                           | 19                       | <i>Brainea insignis</i> | F                        | P                          | -   |
|                           | 20                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |

| Tree/Plant/<br>Colony No. | Number of<br>Individuals | Species Name            | Form<br>(Good/Fair/Poor) | Health<br>(Good/Fair/Poor) | Remark  |
|---------------------------|--------------------------|-------------------------|--------------------------|----------------------------|---|
| C-0005                    | 01                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 02                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 03                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 04                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 05                       | <i>Brainea insignis</i> | F                        | P                          | Young leaves at base  |
|                           | 06                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 07                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
| C-0006                    | 01                       | <i>Brainea insignis</i> | P                        | F                          | Young leaves observed   |
| C-0007                    | 01                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 02                       | <i>Brainea insignis</i> | F                        | P                          | -   |
| C-0008                    | 01                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 02                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 03                       | <i>Brainea insignis</i> | P                        | P                          | Young leaves observed   |
|                           | 04                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 05                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 06                       | <i>Brainea insignis</i> | F                        | P                          | -   |
|                           | 07                       | <i>Brainea insignis</i> | F                        | P                          | Young leaves at base  |
| C-0009                    | 01                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
| C-0010                    | 01                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 02                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 03                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
| C-0011                    | 01                       | <i>Brainea insignis</i> | P                        | P                          | Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021 |
|                           | 02                       | <i>Brainea insignis</i> | F                        | P                          | -   |
|                           | 03                       | <i>Brainea insignis</i> | P                        | P                          | Young leaves at base  |
|                           | 04                       | <i>Brainea insignis</i> | F                        | F                          | -   |
|                           | 05                       | <i>Brainea insignis</i> | F                        | P                          | Young leaves at base  |
|                           | 06                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves at base  |
|                           | 07                       | <i>Brainea insignis</i> | P                        | P                          | Young leaves at base  |
|                           | 08                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 09                       | <i>Brainea insignis</i> | P                        | P                          | -   |
|                           | 10                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 11                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |
|                           | 12                       | <i>Brainea insignis</i> | P                        | P                          | -   |
|                           | 13                       | <i>Brainea insignis</i> | F                        | F                          | Young leaves observed   |



Contract No.: SS K509  
Design and Construction of Kong Nga Po Police Training Facilities  
Monitoring and Maintenance Works for Flora Species of Conservation Interest



C0001(patch)\_01



C-0001(patch)\_02

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Monitoring and Maintenance Works for Flora Species of Conservation Interest



C-0001(Patch)\_03



C-0001(Patch)\_04



C-0001(Patch)\_05



C-0001(Patch)\_06



C-0001(Patch)\_07



C-0001(Patch)\_08



C-0002(Patch)\_01



C-0002(Patch)\_02



C-0002(Patch)\_03



C-0002(Patch)\_04



C-0002(Patch)\_05



C-0002(Patch)\_06



C-0002(Patch)\_07



C-0002(Patch)\_08





C-0003



C-0004(Patch)\_01



C-0004(Patch)\_02



C-0004(Patch)\_03



C-0004(Patch)\_04

Contract No.: SS K509  
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Monitoring and Maintenance Works for Flora Species of Conservation Interest



C-0004(Patch)\_05



C-0004(Patch)\_06



C-0004(Patch)\_07



C-0004(Patch)\_08



C-0004(Patch)\_09



C-0004(Patch)\_10



C-0004(Patch)\_11



C-0004(Patch)\_12



C-0004(Patch)\_13



C-0004(Patch)\_14





C-0004(Patch)\_15



C-0004(Patch)\_16



C-0004(Patch)\_17



C-0004(Patch)\_18



C-0004(Patch)\_19



C-0004(Patch)\_20



C-0005(Patch)\_01



C-0005(Patch)\_02



C-0005(Patch)\_03



C-0005(Patch)\_04



C-0005(Patch)\_05



C-0005(Patch)\_06



C-0005(Patch)\_07



C-0006





C-0007(patch)\_01



C-0007(patch)\_02



C-0008(Patch)\_01



C-0008(Patch)\_02



C-0008(Patch)\_03



C-0008(Patch)\_04



C-0008(Patch)\_05



C-0008(Patch)\_06



C-0008(Patch)\_07



C-0009



C-0010(Patch)\_01



C-0010(Patch)\_02



C-0010(Patch)\_03





C-0011(Patch)\_01



C-0011(Patch)\_02



C-0011(Patch)\_03



C-0011(Patch)\_04



C-0011(Patch)\_05



C-0011(Patch)\_06



C-0011(Patch)\_07



C-0011(Patch)\_08



C-0011(Patch)\_09



C-0011(Patch)\_10



C-0011(Patch)\_11



C-0011(Patch)\_12



C-0011(Patch)\_13

Contract No.: SS K509

Design and Construction of Kong Nga Po Police Training Facilities

Monitoring and Maintenance Works for Flora Species of Conservation Interest

Inspection Date:

31/1/2024

| Tree/Plant/<br>Colony No. | Species Name               | Form<br>(Good/Fair/Poor) | Health<br>(Good/Fair/Poor) | Remark        |
|---------------------------|----------------------------|--------------------------|----------------------------|---------------|
| L-0001                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0002                    | <i>Spiranthes sinensis</i> | -                        | -                          | Leaf observed |
| L-0003                    | <i>Spiranthes sinensis</i> | P                        | P                          | Leaf observed |
| L-0004                    | <i>Spiranthes sinensis</i> | P                        | P                          | Leaf observed |
| L-0005                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0006                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0007                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0008                    | <i>Spiranthes sinensis</i> | P                        | P                          | Leaf observed |
| L-0009                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0010                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0011                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0012                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0013                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0014                    | <i>Spiranthes sinensis</i> | P                        | P                          | Leaf observed |
| L-0015                    | <i>Spiranthes sinensis</i> | P                        | P                          | Leaf observed |
| L-0016                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0018                    | <i>Spiranthes sinensis</i> | F                        | F                          | Leaf observed |
| L-0019                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0020                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0021                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0022                    | <i>Spiranthes sinensis</i> | F                        | F                          | Leaf observed |
| L-0023                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0024                    | <i>Spiranthes sinensis</i> | P                        | P                          | Leaf observed |
| L-0025                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0026                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0027                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0028                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0029                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0030                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0031                    | <i>Spiranthes sinensis</i> | F                        | F                          | Leaf observed |
| L-0032                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0033                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0034                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0035                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0036                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0037                    | <i>Spiranthes sinensis</i> | F                        | F                          | Leaf observed |
| L-0038                    | <i>Spiranthes sinensis</i> | P                        | P                          | Leaf observed |
| L-0039                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0040                    | <i>Spiranthes sinensis</i> | F                        | F                          | Leaf observed |
| L-0041                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |
| L-0042                    | <i>Spiranthes sinensis</i> | -                        | -                          | Not observed  |





L-0001



L-0002



L-0003



L-0004



L-0005



L-0006



L-0007



L-0008

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Monitoring and Maintenance Works for Flora Species of Conservation Interest



L-0009



L-0010



L-0011



L-0012

Contract No.: SS K509  
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L-0013



L-0014



L-0015



L-0016



L-0018



L-0019



L-0020



L-0021



L-0022



L-0023



L-0024



L-0025

Contract No.: SS K509  
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Monitoring and Maintenance Works for Flora Species of Conservation Interest



L-0026



L-0027



L-0028



L-0029

Contract No.: SS K509  
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Monitoring and Maintenance Works for Flora Species of Conservation Interest



L-0030



L-0031



L-0032



L-0033



Contract No.: SS K509  
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L-0034



L-0035



L-0036



L-0037

Contract No.: SS K509  
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Monitoring and Maintenance Works for Flora Species of Conservation Interest



L-0038



L-0039



L-0040



L-0041



L-0042

Contract No.: SS K509

Design and Construction of Kong Nga Po Police Training Facilities

Monitoring and Maintenance Works for Flora Species of Conservation Interest

Hong Da Landscaping Limited

Vegetation Maintenance Record Sheet (January 2024)

| Description of Work         | Date |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                             | 1    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Watering                    |      | Y  |    |    |    | Y  |    | Y  |    |    |    |    | Y  |    |    | Y  |    |    | Y  |    |    |    | Y  |    |    |    | Y  |    | Y  |    | Y  |
| Weeding                     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Y  |
| Fertilization               |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pest/Disease Control        |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Firming up of fence         |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Y  |
| Installation of shaded net  |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Mulching                    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Inspection                  |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Y  |
| Checking of Protection Zone |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Y  |
| Remarks                     | MH   | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH | MH |    |

|  |                |  |       |           |  |         |  |         |  |                  |                    |                 |  |  |  |
|--|----------------|--|-------|-----------|--|---------|--|---------|--|------------------|--------------------|-----------------|--|--|--|
|  | Public Holiday |  | H-Hot | D-Drizzle |  | R-Rainy |  | W-Windy |  | RH-High Humidity | MH-Medium Humidity | LH-Low Humidity |  |  |  |
|--|----------------|--|-------|-----------|--|---------|--|---------|--|------------------|--------------------|-----------------|--|--|--|



watering (1)



watering (2)



weeding

Post-transplantation Monitoring Checklist  
Police Facilities in Kong Nga Po

|                     |  |                        |                  |
|---------------------|--|------------------------|------------------|
| <b>Contract</b>     | <b>Provision of Environmental Team<br/>consultancy for Design and Construction<br/>of Kong Nga Po Police Training Facilities<br/>(Programme no. 279LP)</b> |                        |                  |
| <b>Inspected By</b> | <u>ETL</u>   | <b>Inspection Date</b> | <u>30-1-2024</u> |

**Part A Weather**

**Condition**     Sunny     Fine     Overcast     Drizzle     Rain     Storm     Hazy

**Humidity**     High (RH>90%)     Moderate (90%>RH>50%)     Low (RH<50%)

**Wind**     Calm     Light     Breeze     Strong

|  | N/A or not observed                 | Yes                                 | No                                  | Follow-up                | N/C                      | Remarks |
|--|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|---------|
| <b>Part B</b>  |                                     |                                     |                                     |                          |                          |         |
| <b>1. <u>Cycadfern <i>Brainea insignis</i></u></b>   |                                     |                                     |                                     |                          |                          |         |
| 1.1 Are the plants' health conditions satisfactory?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.2 Are transplanted plants on site protected carefully?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.3 Are the temporary protective fence properly erected and maintained?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.4 Are the plant protection zone set 1m from the plants?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.5 Are all grassed and planted area kept free from weeds/unwanted plants?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.6 Is compaction of the soil avoided for the plants?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.7 Are litter/ unwanted material removed within the planting area?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.8 Are equipment or stockpile placed outside the protection zone?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.9 Are soil, debris or construction materials deposited around and against the trunk of a plant as this causes bark damage avoided? | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.10 Are fixings driven into plants avoided?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.11 Are the plants used for anchoring or winching purposes or for the display of signs avoided?                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.12 Are the fire lit below the branches and petrol, oil or caustic substances stored near the plants avoided?                       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.13 Are all plants kept free from pest, disease or fungal infection?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.14 Are there enough area for growth and development of plant roots?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.15a Is exposure of plant roots avoided?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 1.15b If not, were broken off or rotting of roots avoided?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| <b>2. <u>Ladies Tresses <i>Spiranthes sinensis</i></u></b>   |                                     |                                     |                                     |                          |                          |         |
| 2.1 Are the plants' health conditions satisfactory?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 2.2 Are transplanted plants on site protected carefully?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 2.3 Are the temporary protective fence properly erected and maintained?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 2.4 Are the plant protection zone set 1m from the plants?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 2.5 Are all grassed and planted area kept free from weeds/unwanted plants?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 2.6 Is compaction of the soil avoided for the plants?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |
| 2.7 Are litter/ unwanted material removed within the planting area?  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> |         |

Post-transplantation Monitoring Checklist  
Police Facilities in Kong Nga Po

|  | N/A or not observed                 | Yes                      | No                                  | Follow-up                | N/C                      | Remarks |
|--|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|---------|
| 2.8 Are equipment or stockpile placed outside the protection zone?   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.9 Are soil, debris or construction materials deposited around and against the trunk of a plant as this causes bark damage avoided? | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.10 Are fixings driven into plants avoided?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.11 Are the plants used for anchoring or winching purposes or for the display of signs avoided?                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.12 Are the fire lit below the branches and petrol, oil or caustic substances stored near the plants avoided?                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.13 Are all plants kept free from pest, disease or fungal infection?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.14 Are there enough area for growth and development of plant roots?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.15a Is exposure of plant roots avoided?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | _____   |
| 2.15b If not, were broken off or rotting of roots avoided?   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | _____   |

**Advice/observations**

- 1) Please refer to the guidelines on soil improvement issued by the Greening, Landscape and Tree Management Section (GLTMS) of the development bureau (2022) to apply to monitoring and maintenance of transplanted flora species.
- 2) Daily watering frequency is needed to keep the soil moist.
- 3) Installation of a shaded net is provided below.
- 4) The wild plants that are growing in undesirable areas should be removed, as they compete with the cultivated flora species of conservation interest. For reference or imitation, a photo illustrating an ideal weeding practice is provided below



| IEC           | ETL             | Contractor Representative |
|---------------|-----------------|---------------------------|
|               | <i>Lee</i>      |                           |
| Name: Mr. Law | Name: Mr. Lee   | Name: Marian Kong         |
| Date:         | Date: 30-1-2024 | Date:                     |



## The installation of a shaded net



Remark: Non scale & Conceptual drawing