

Scope of Work
Trim and removal of trees
away from security fence and
alongside Barker Road

1. Summary

Contractor shall provide labor, transportation, equipment, and materials for the trimming and removal of several large trees lying against the security fence and along the slope of Barker Road. These trees pose a potential of causing a hazard/danger to property or human if collapsed.

2. Scope of Work

The contractor shall provide suitable and experience technician to lead and supervise a team of labor, tools, materials, transportation and with appropriate safety equipment to:

- 2.1 Trim the branches of the mentioned trees (see attached pictures) away from fence and structures. Remove them away without damaging the fence or property.
 - T7, T22, T41, T51-T53, T218 Removal of climber, hanger and dead branch
- 2.2 The Contractor shall reduce tree's crown/branches to maintain a 3m clearance from buildings
 - T1-T5, T10-T13, T15, T19, T25, T29, T34, T48, T60 Crown reduction 10-15%, T84, T89, T92, T105, T185, T192 Lamppost clearance (37489), T196, T212, T214, T218
- 2.3 Tree removal. When cutting down to the main trunk, the contractor shall pay close attention not to allow any of the trunk or big branches to fall onto the fence.
 - T21, T24, T42-T43, T55, T95, T97-T98, T103, T112, T114-T115, T122, T124, T126-T127D, T129A-T129D, T132-T133, T163 Removal one of the trunk, T165-T166, T168, T170-T172, T174-T177
- 2.4 The Contractor shall leave part of the trunk or branches as to allow for the possibility of regrowth, or to the acceptance of the representative of the USG.
- 2.5 The Contractor shall try their best to upkeep the nearby green in shape to avoid rain water from draining away from the soil surface.

3. Material Storage and Debris Removal

Material may be stored in a location acceptable to the USG upon request. All storage is for the convenience of the contractor and the responsibility for keeping the material safe and in good condition remains with the contractor. The material will be placed in such a way as to present no safety hazards to the Consulate or contractors employees. All unnecessary materials and construction debris shall be removed immediately upon the completion of this project.

4. Warranties and Maintenance

The Contractor shall complete and finish all work to the satisfaction of the USG and shall provide at least a one-year of warranty of the work and plants.

5. Safety Instructions

The Contractor shall closely supervise and promote an accident free working environment and suitable safety training to their workers, and shall follow all of the subsequent safety regulations:

- a. H.11.1 DOSAR 652.236-70 – Accident Prevention (Apr 2004)
- b. US Army Corps of Engineers EM 385-1-1. Follow link below and pay close attention to sections 5, 8, 13, 14 and 31.
<http://www.usace.army.mil/SafetyandOccupationalHealth/EM38511,2008BeingRevised.aspx>
- c. Laws of Hong Kong, Occupational Safety and Health Ordinance Chapter 509
- d. Laws of Hong Kong, Factories and Industrial Undertaking Ordinance, Chapter 59
- e. OSHA

6. Insurance

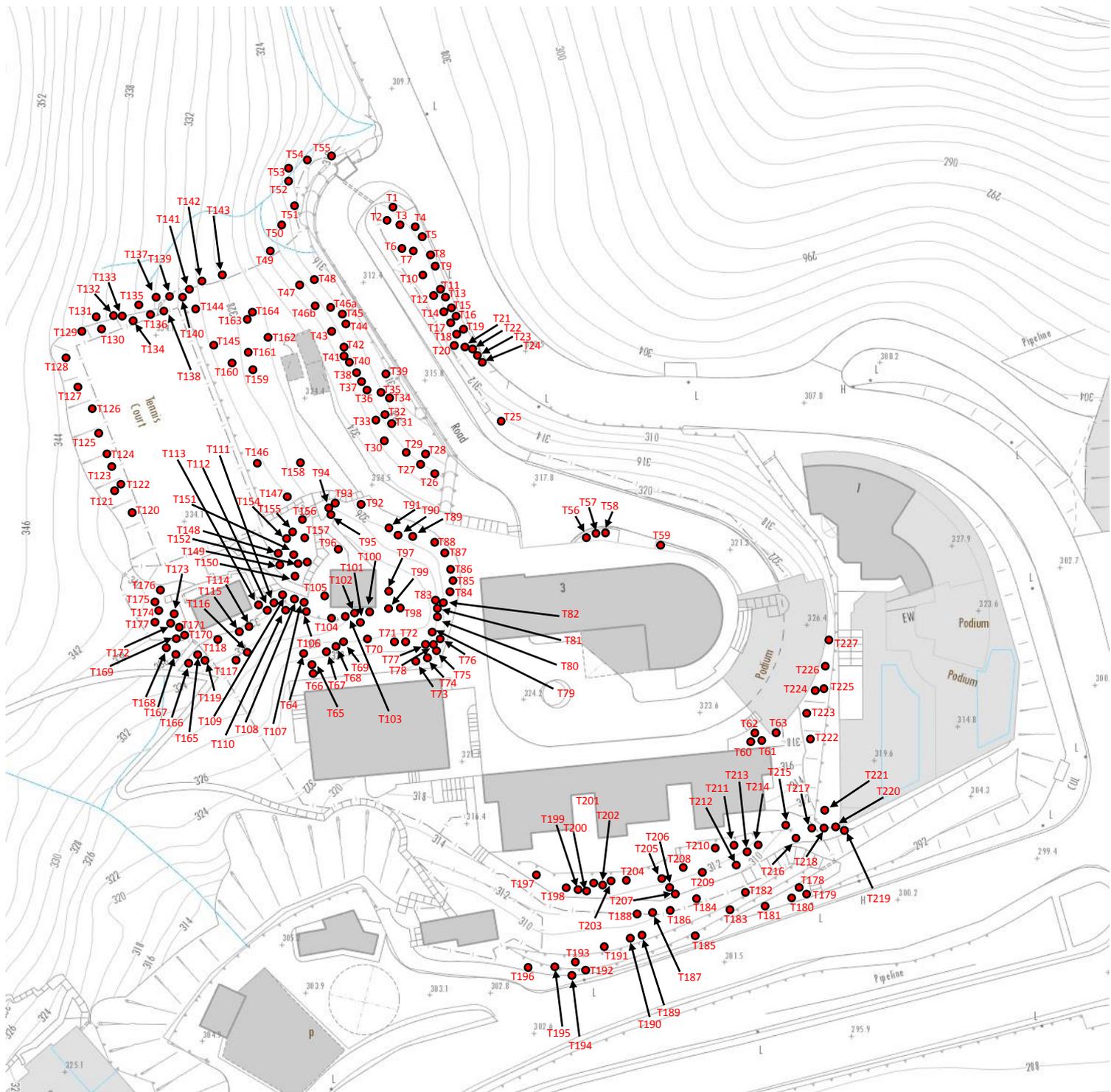
The contractor shall provide Labor Compensation and Third Party Insurance coverage for the duration of the project.

7. Working Hours

The Contractor is allowed to work from 8:30 a.m. to 5:30 p.m. weekdays, except American and Hong Kong Public Holidays. The contractor shall closely coordinate the work schedule with the US Consulate.

8. Other Requirements

The Contractor must keep the entire working area clean at all times and well protected from other working areas, and post all necessary warning signs in English and Cantonese. The contractor will be held responsible for any damages to the USG and private property. The US Government (USG) will provide electrical power and water supply when necessary at existing supply points. Contractor shall provide with staff particulars, vehicles prior to their operations.





Overview of the subject tree T1. Crown raising to add clearance of the entrance can be considered.



Overview of the subject tree T2. Due to high target rating (close to the gate), crown cleaning the dead branches are recommended.



Overview of the subject tree T4.



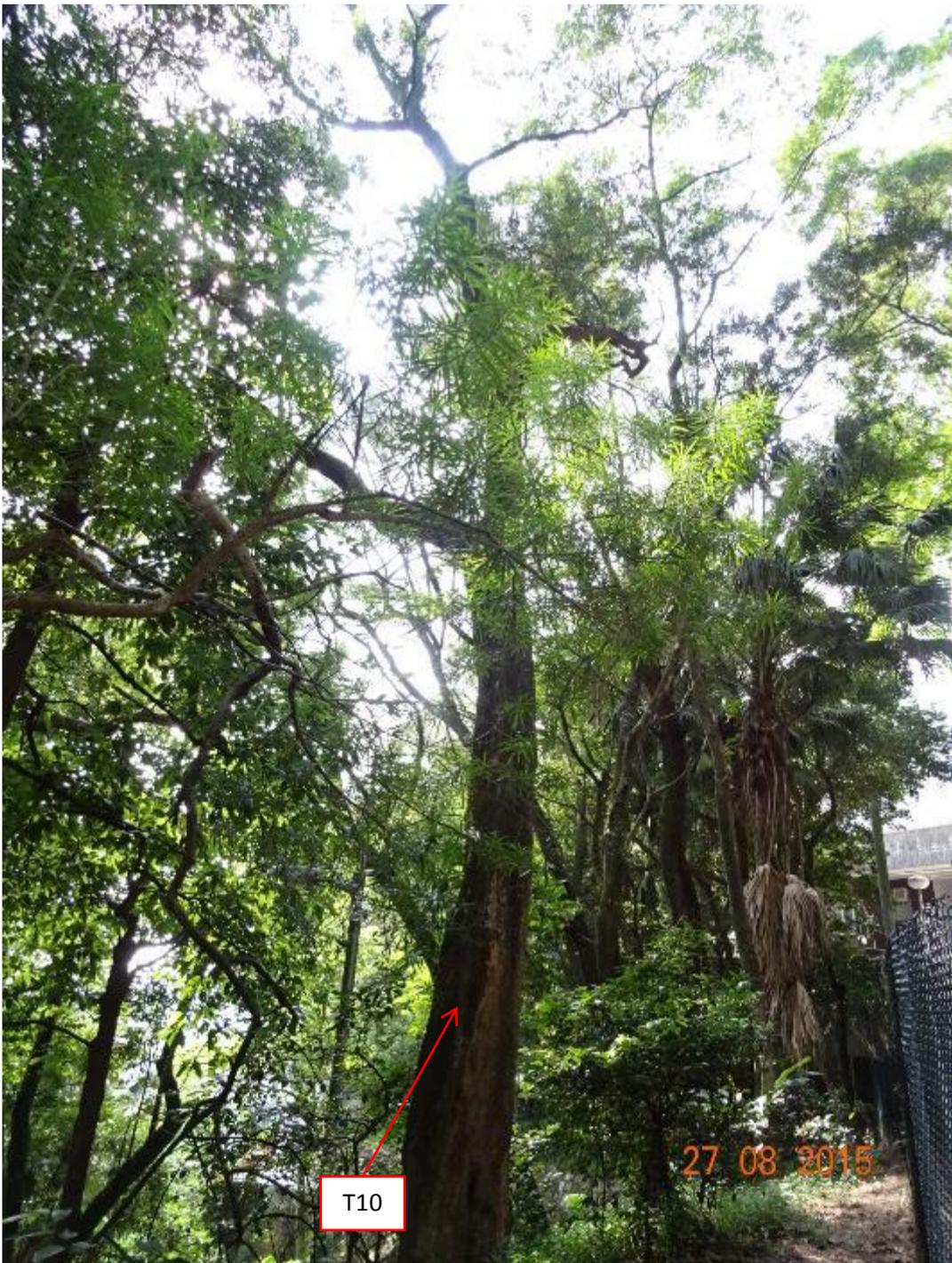
T4: Crown cleaning to remove dead branches is recommended.



Overview of the subject tree T5. Crown cleaning is recommended.



Overview of the subject tree T7. Remove the hanger is recommended.



Overview of the subject tree T10. Crown cleaning is recommended.



Overview of the subject tree T11. Crown cleaning is recommended.



T12

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Overview of the subject tree T12. Crown cleaning is recommended.



Overview of the subject tree T14. Removal the dead tree is recommended.



Overview of the subject tree T15. Crown cleaning is recommended.



T15: Remove the dead branches is recommended.



T19: Remove the dead branches close to the road is recommended.



T19: Mud tube is observed along the trunk. But no active termite is noted.



Overview of the subject tree T21. Remove the dead tree is recommended (Close to the road, high target rating).

Overview of the subject tree T22.



T22: Remove the hanger is recommended.

Overview of the subject tree T24.



T24: A cavity is noted at the lower trunk. Due to the high target rating and large cavity, for the sake of the public safety, removal can be considered.

Overview of the subject tree T25.



T25: Crown cleaning is recommended.



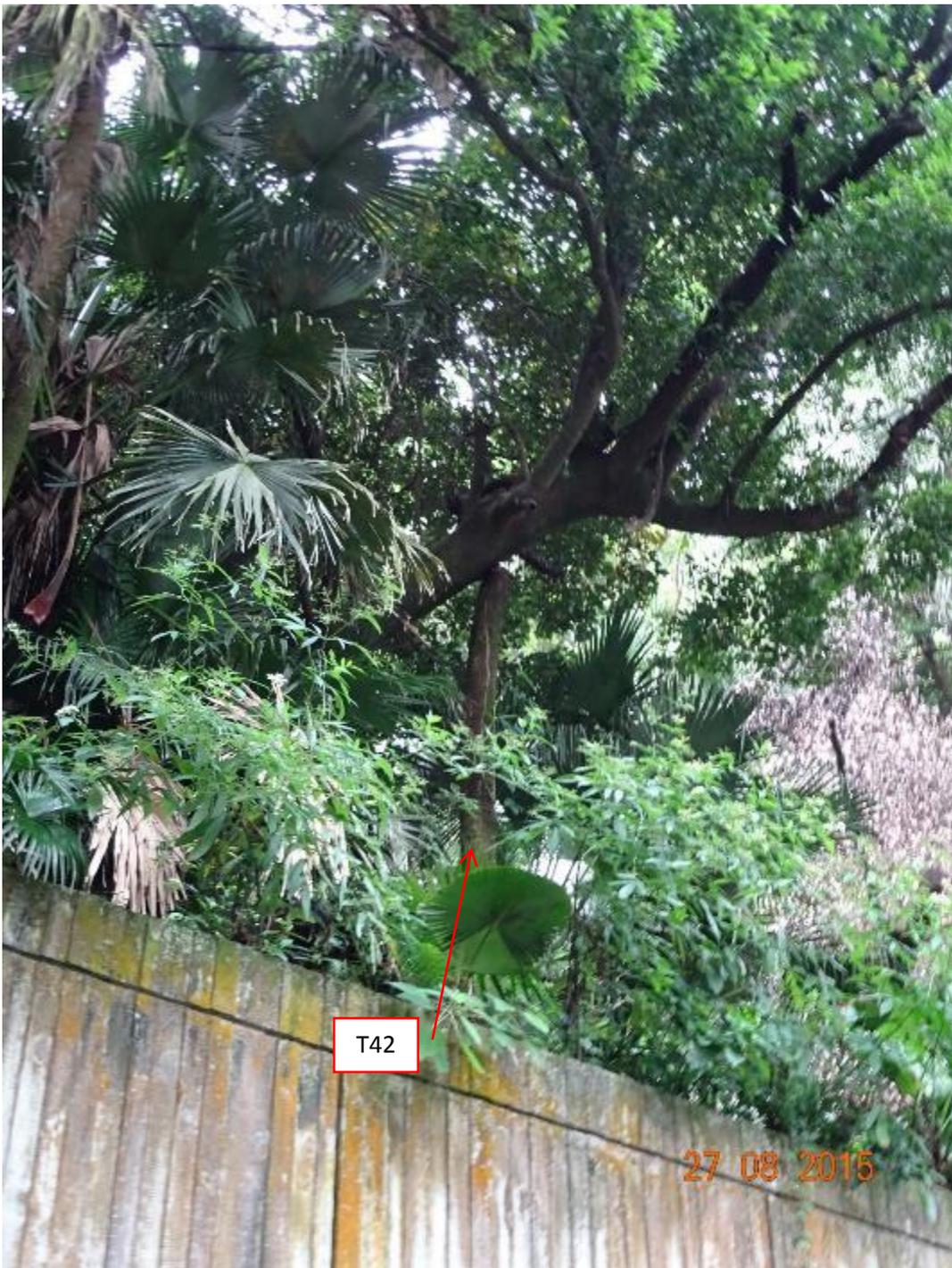
Overview of the subject tree T29. Crown cleaning is recommended.



Overview of the subject tree T34. Crown cleaning is recommended.



T41: Remove two large dead branches above walkway is recommended.



Overview of the subject tree T42. Remove this dead palm is recommended.



Overview of the subject tree T43. Remove the dead tree is recommended.



Overview of the subject tree T48. Crown cleaning is recommended.



Overview of the subject tree T51. Remove the climber is recommended.



Overview of the subject tree T55. Removal is recommended.



Overview of the subject tree T60. Crown reduction to reduce the lever arm (expose to the wind) is recommended.



T60: Poor taper form to withstand the wind.



Overview of the subject tree T84. Crown cleaning is recommended.



T88: Decay cavity is observed at the trunk base. Form 2 tree assessment is recommended.



Overview of the subject tree T89. Crown cleaning is recommended.



Overview of the subject tree T92. Crown cleaning is recommended.



T92: Remove the dead branches above the walkway is recommended.



Overview of the subject tree T94. Crown cleaning is recommended.



Overview of the subject tree T95. The tree is leaning towards to the stairs.



T95: Long wound with large decay area is observed at the trunk. Due to the high target rating, next to the stairs, removal is recommended.



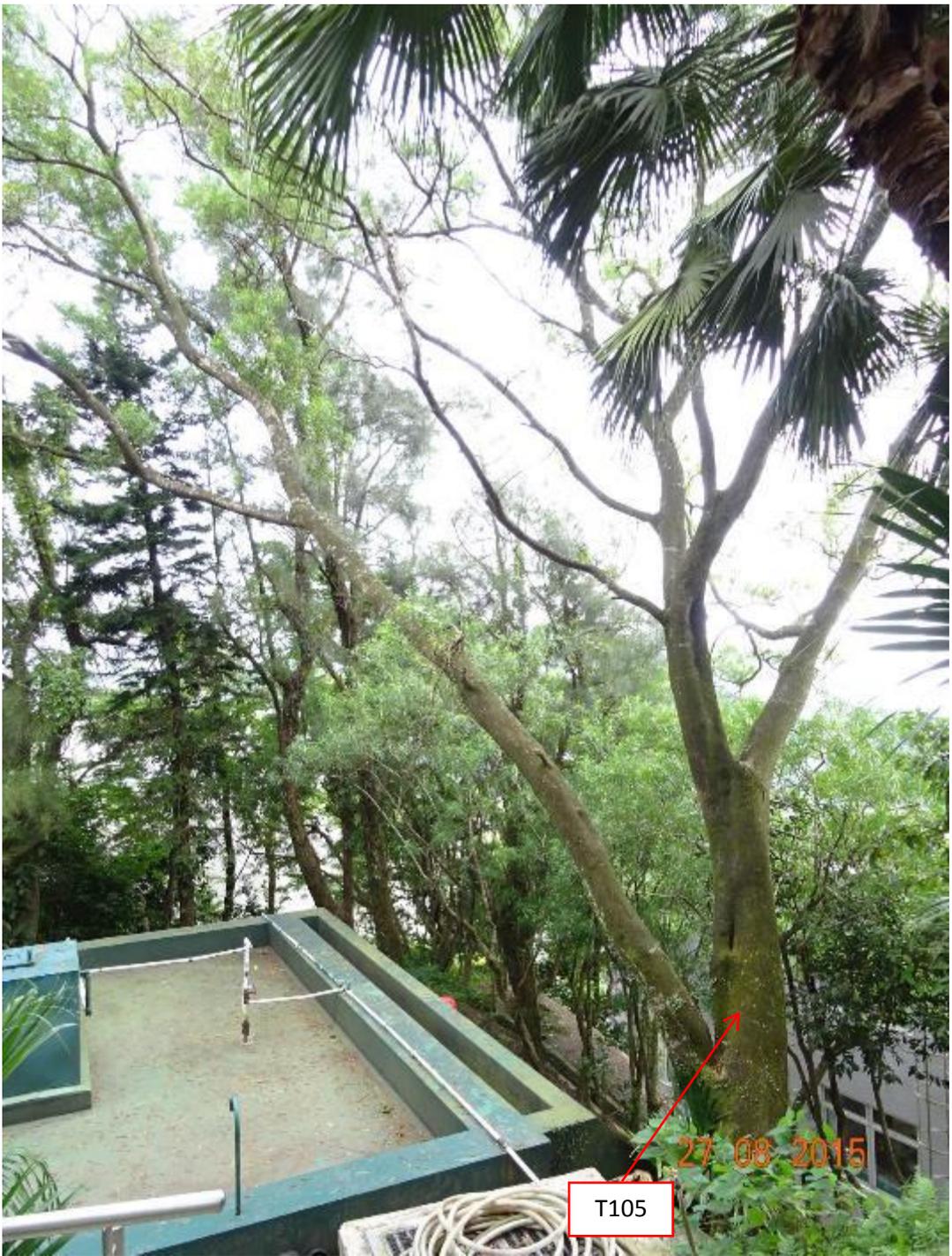
Overview of the subject tree T97. Remove the climber is recommended.



Overview of the subject tree T98. Remove the climber is recommended.



Overview of the subject tree T103. The health condition is poor associated with low foliage density, and hindering the growth of adjacent tree, removal is recommended.



Overview of the subject tree T105. The health condition is fair, associated with dieback twigs. Further monitoring the health and structural condition is recommended.



T105: The root is in contact with the concrete.



Overview of the subject dead tree T112. Removal is recommended.



Overview of the subject tree T122. Remove the dead tree is recommended.



Overview of the subject tree T124. Remove the dead tree is recommended.



Overview of the subject tree T126. Remove the dead stem is recommended.



T127A & B.



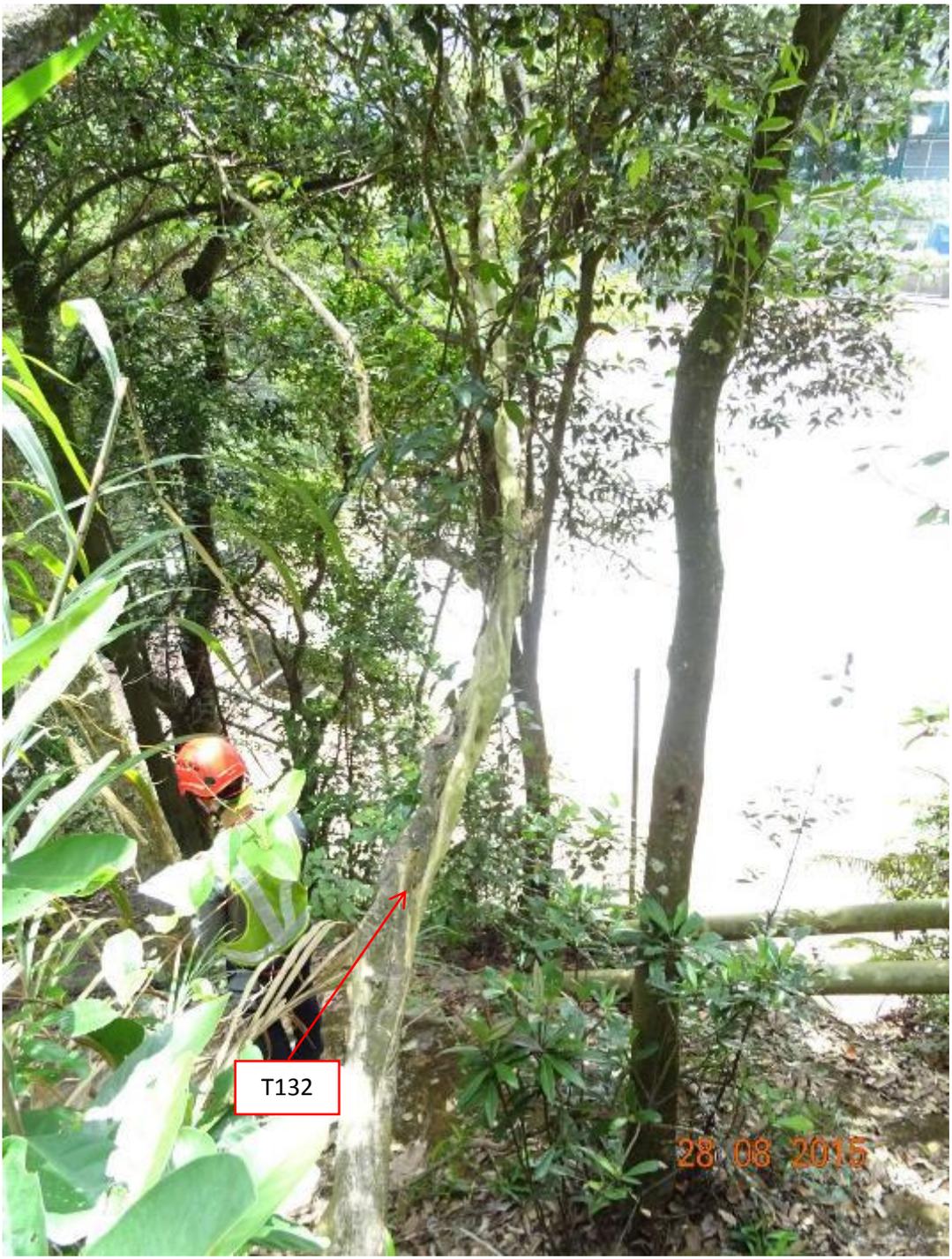
T127C & D.



T129A, B are dead. Removal is recommended.



T129C, D are dead. Removal is recommended.



Overview of the subject tree T132. The tree is dead, removal is recommended.



Overview of the subject tree T133. The tree is dead, removal is recommended.



T163: The tree has developed 2 co-dominant trunk. One of the trunk has longitudinal crack, Remove the stem is recommended.



T163: A long crack is noted at the stem.



Overview of the subject tree T165. The tree is dead, removal is recommended.



Overview of the subject tree T166. The tree is dead, removal is recommended.



Overview of the subject tree T168. The tree is dead, removal is recommended.



Overview of the subject tree T170. The tree is dead, removal is recommended.



Overview of the subject tree T171. The tree is dead, removal is recommended.



Overview of the subject tree T172. The tree is dead, removal is recommended.



Overview of the subject tree T174. The tree is dead, removal is recommended.



Overview of the subject tree T175. The tree is dead, removal is recommended.



Overview of the subject tree T176. The tree is dead, removal is recommended.



Overview of the subject tree T177. The tree is dead, removal is recommended.



Overview of the subject tree T181. Crown cleaning is recommended.



Overview of the subject tree T184. Crown cleaning is recommended.



T184



Overview of the subject tree T185. Due to the limited access on the slippery slope, carry out aerial inspection is recommended.



Overview of the subject tree T192. Lamppost clearance for LP#37489 is recommended.



Overview of the subject tree T196. Crown raising to add 2-3 meters clearance is recommended.



Overview of the subject tree T212. Crown cleaning is recommended.



Overview of the subject tree T214. Crown cleaning is recommended.



Overview of the subject tree T218. Crown cleaning is recommended.



T218: Remove the dead branch is recommended.



Overview of the subject tree T221.



T221: A long crack is observed at the lower trunk. Further tree assessment is recommended.