Contract No. DC/2008/03

Design, Build and Operate Pillar Point Sewage Treatment Works

Environmental Permit No. EP-321/2008/B - Condition 2.9

As-built Drawings on Landscape and Visual Mitigation Measures with an Explanatory Statement

Submitted by ATAL - Degremont - China State Joint Venture dated 24 November 2015

Mandy 2.

Certified by

Mandy To Environmental Team Leader (ETL) ERM-Hong Kong, Ltd

Date

25 November 2015

Our ref: 0119806_As-built Landscape Drawings_ETL Certification_20151125.docx

AECOM

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Your Ref: Our Ref: 60017423/C/oylw15120202

By Hand & By Fax (2833 9162)

Drainage Services Department Sewage Services Branch Harbour Area Treatment Scheme Division 5/F., Western Magistracy, 2A Pok Fu Lam Road, Hong Kong.

Attn: Mr. Edwin Lau (T: 2159 3409)

2 December 2015

Dear Sir,

Contract No. DC/2008/03 Design, Build and Operate Pillar Point Sewage Treatment Works

As-built drawings on landscape and visual mitigation measures

Reference is made to Environmental Team (ET)'s draft of the as-built drawings on landscape and visual mitigation measures provided by email dated 25 November and 2 December 2015. We have no further comment.

We hereby verify the said as-built drawings in accordance with the condition 2.9 of Environmental Permit No. EP-321/2008/B.

Should you have any queries, please feel free to contact the undersigned at 3922 9393.

Yours faithfully,

For and on behalf of AECOM Asia Co. Ltd.

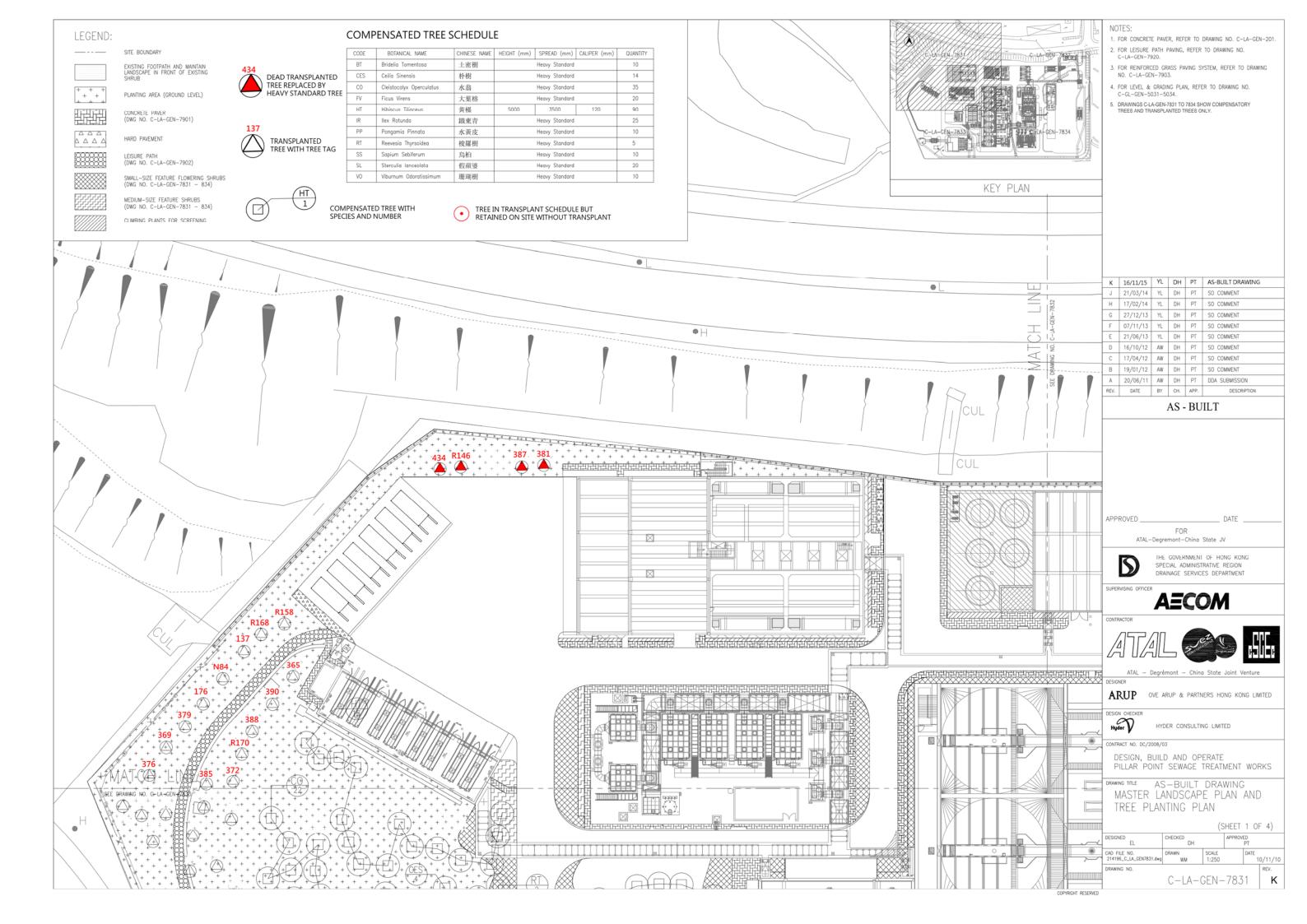
Y T Tang Independent Environmental Checker

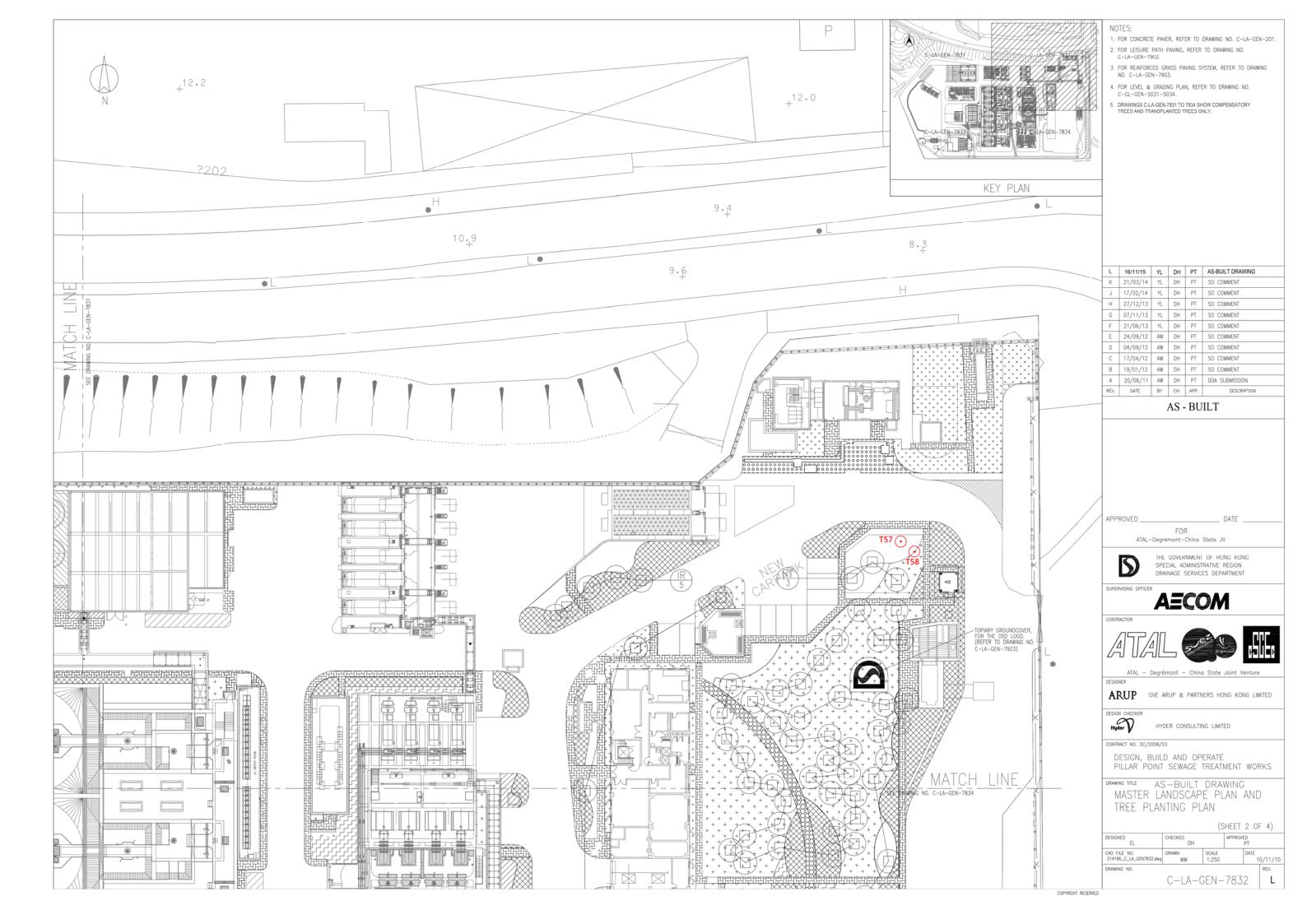
c.c. AECOM – Mr. C Y Hung ERM – Ms. Mandy To ATAL–Degremont–China State JV – Mr. Barry Lee (Fax No. 2404 2744) (Fax No. 2723 5660) (Fax No. 2811 3321) Contract No. DC/2008/03

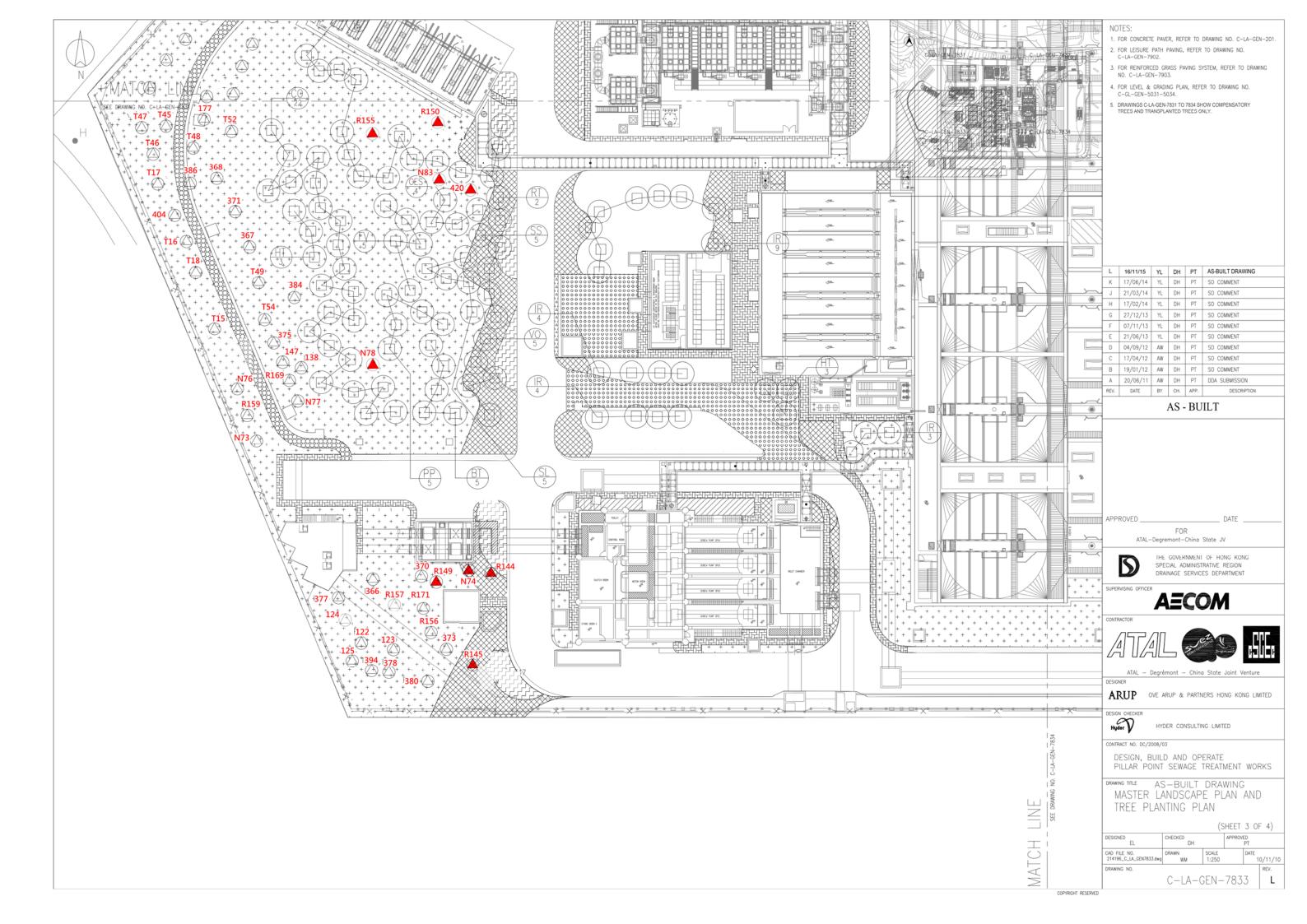
Design, Build and Operate Pillar Point Sewage Treatment Works

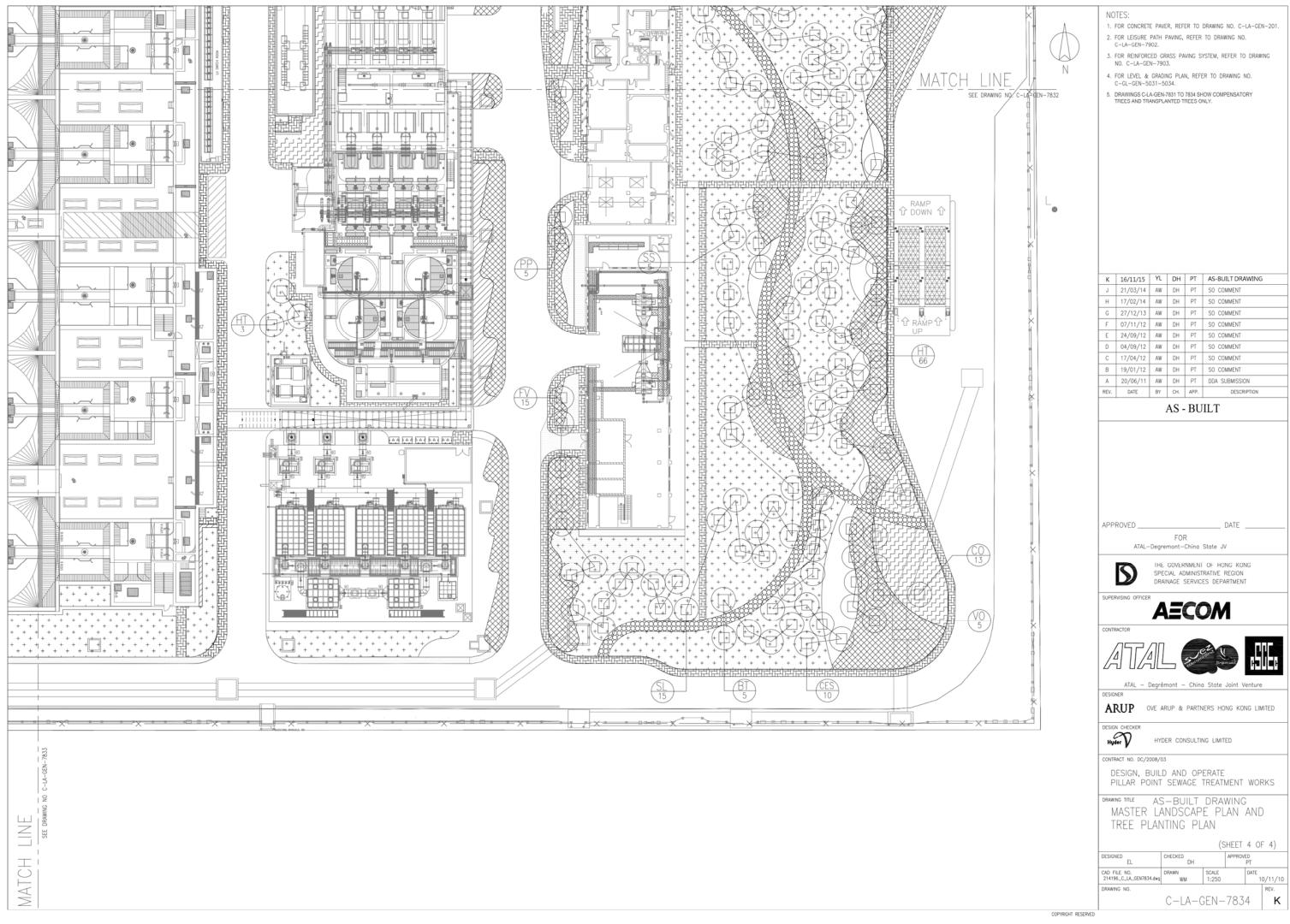
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As-built Drawings on Landscape and Visual Mitigation Measures

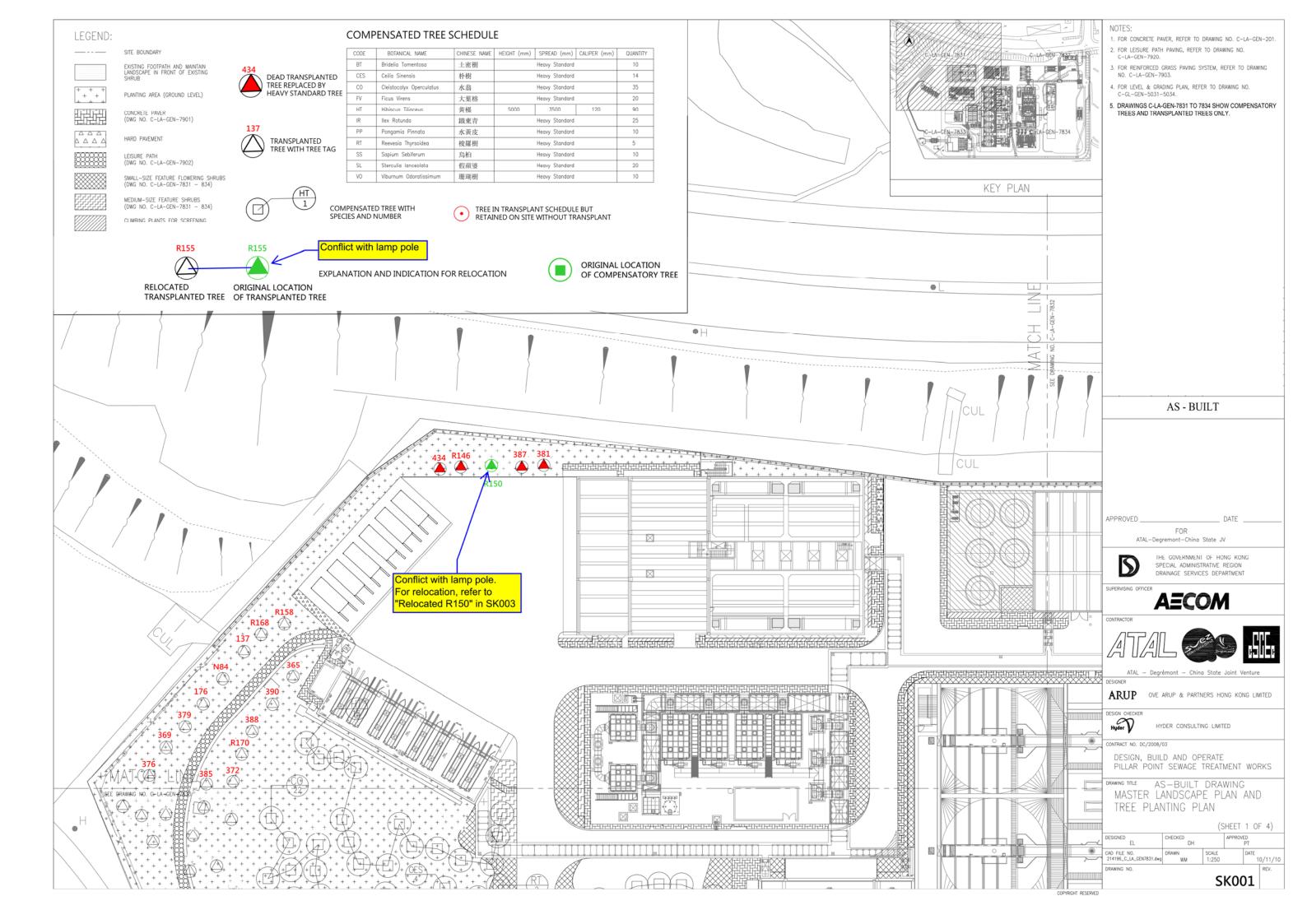


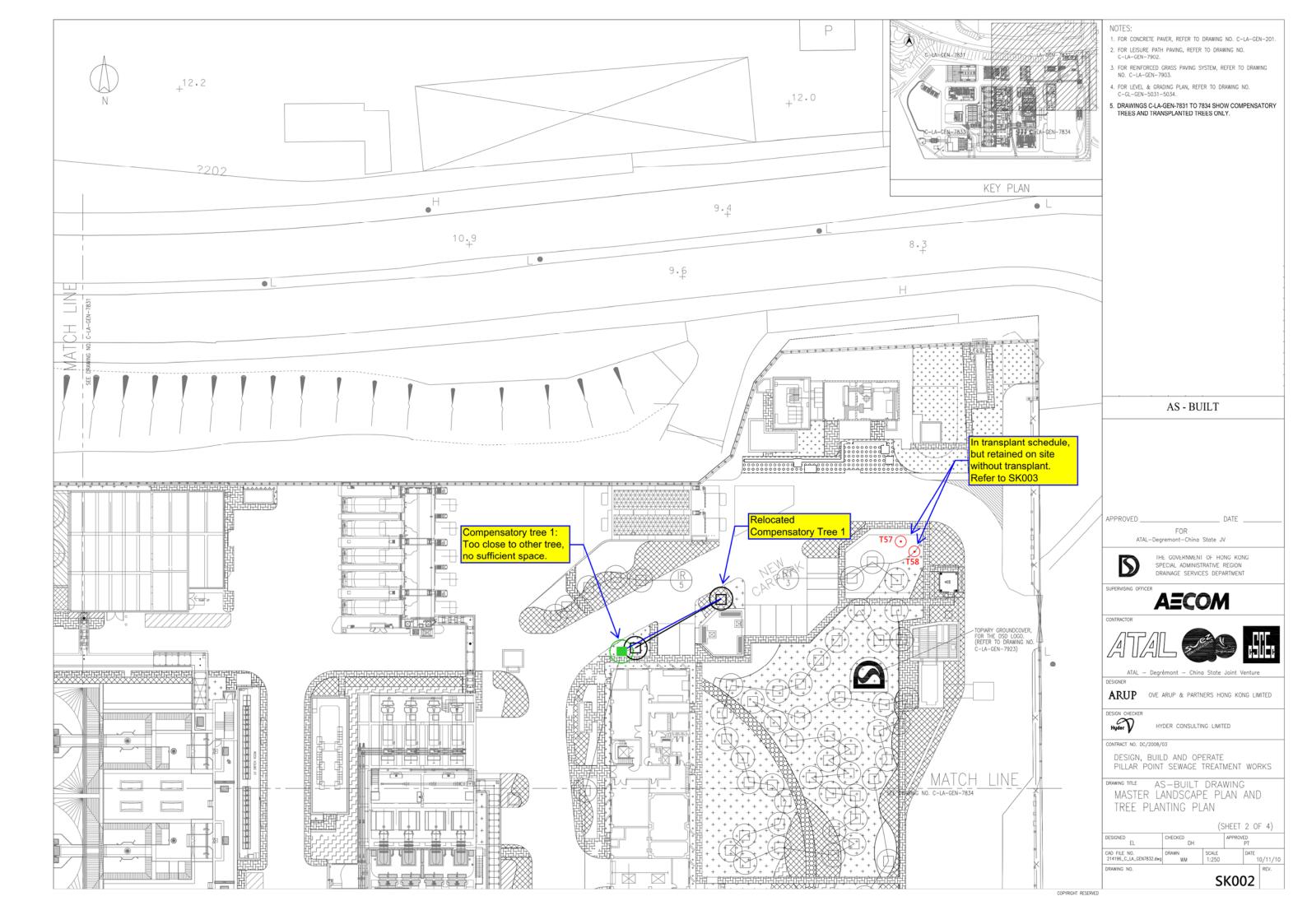


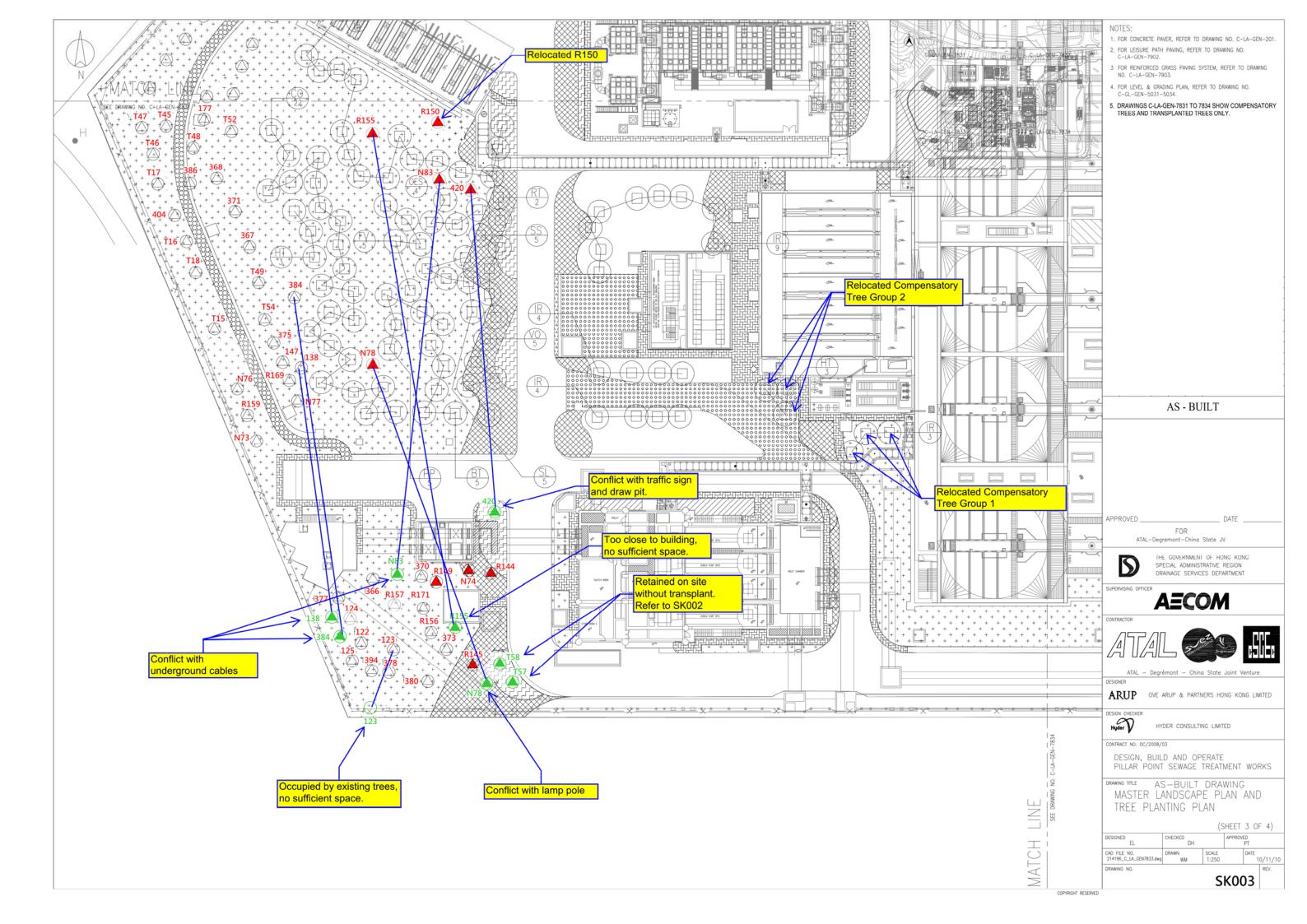




Explanatory Statements







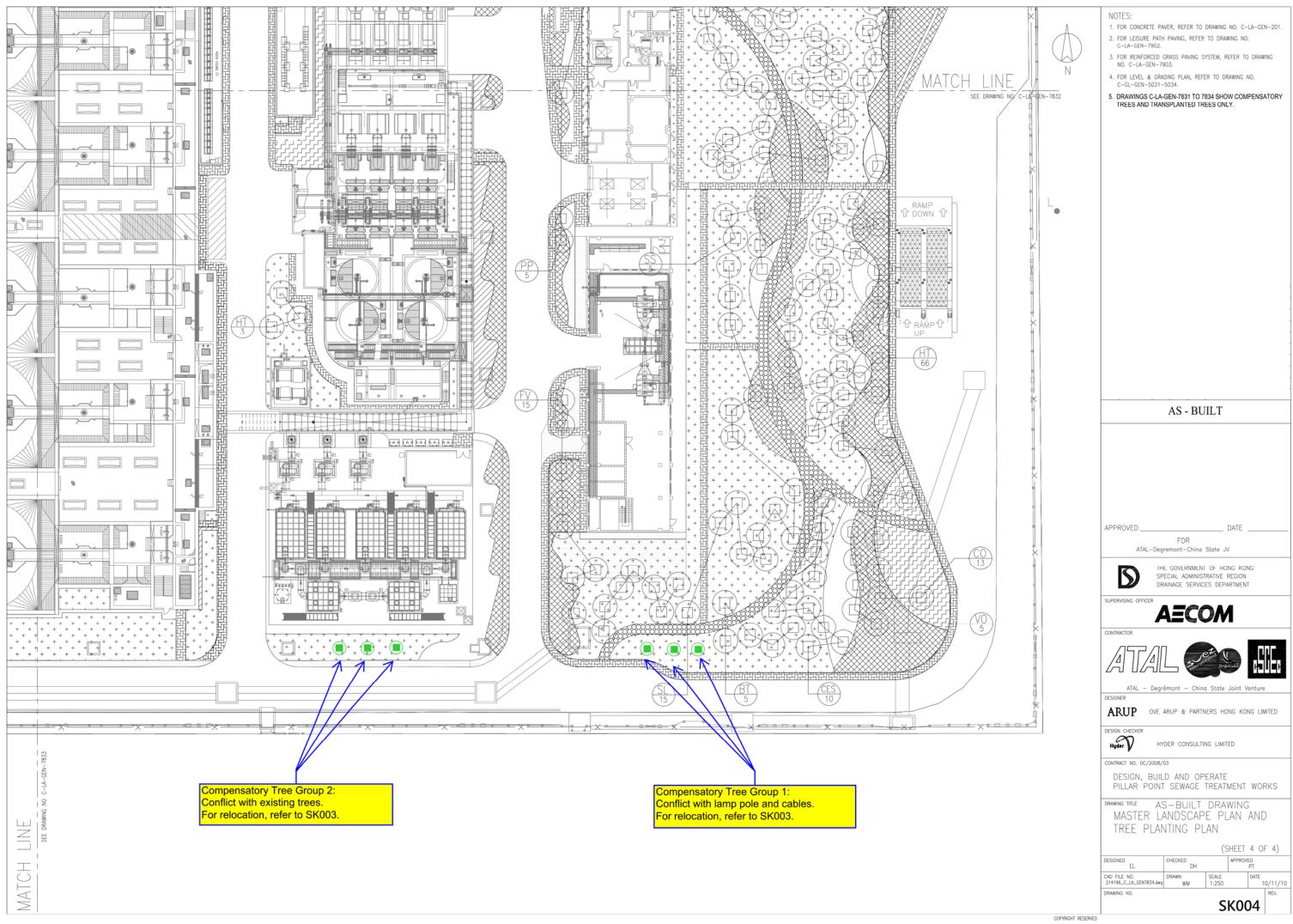


Table 1 - 69 Nos. of Transplanted Tree Schedule

Tree Tag	Species	Status as on 14 Aug 2015	History	Compensation Provided	
N73	Psiduim Guajava	Transplanted	N/A	N/A	
N74	Macaranga Tanarius	Dead and replaced	Dead in Portion T1	C1	
N76	Plumeria Alba	Transplanted	N/A	N/A	
N77	Plumeria Alba	Transplanted	N/A	N/A	
N78	Melia Azedarach	Dead and replaced	Dead in Portion T1	C2	
N83	Psiduim Guajava	Dead and replaced	Dead in Portion T1	C3	
N84	Bauhinia Spp	Transplanted	N/A	N/A	
122	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
123	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
124	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
125	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
137	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
138	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
147	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
176	Casuarina Equisetifolia	Transplanted	N/A	N/A	
177	Casuarina Equisetifolia	Transplanted	N/A	N/A	
T15	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T16	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T17	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T18	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
365	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
366	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
367	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
368	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
369	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
370	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
371	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
372	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
373	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
375	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
376	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
377	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
378	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
379	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
380	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
381	Hibiscus Tiliaceus	Dead and replaced	Damage by typhoon "Vicente"	C4	
384	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
385	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
386	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
387	Hibiscus Tiliaceus	Dead and replaced	Damage by typhoon "Vicente"	C5	
388	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
390	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
394	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
404	Dimocarpus Longan	Transplanted	N/A	N/A	
420	Bombax Ceiba	Poor heatlh condition and replaced	Poor health condition in Portion T1	C6	
434	Melia Azedarach	Dead and replaced	Dead in Portion T1	C7	
T45	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T46	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T47	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T48	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T49	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T52	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T54	Hibiscus Tiliaceus	Transplanted	N/A	N/A	
T57	Ficus Elastica	Retained on site	N/A	N/A	
T58	Morus Alba	Retained on site	N/A	N/A	
R144	Morus Alba	Dead and replaced	Dead in Portion T1	C8	
R145	Morus Alba	Dead and replaced	Dead in Portion T1	C9	
R145	Morus Alba	Dead and replaced	Dead in Portion T1	C10	
R140	Delonix Regia	Removed and Replaced	Poor structural condition with potential safety risk	C10	
			i with potential safety risk		

Tree Tag	Species	Status as on 14 Aug 2015	History	Compensation Provided
R155	Psiduim Guajava	Dead and replaced	Dead in Portion T1	C13
R156	Psiduim Guajava	Transplanted	N/A	N/A
R157	Psiduim Guajava	Transplanted	N/A	N/A
R158	Magnolia Grandiflora	Transplanted	N/A	N/A
R159	Psiduim Guajava	Transplanted	N/A	N/A
R168	Hibiscus Tiliaceus	Transplanted	N/A	N/A
R169	Hibiscus Tiliaceus	Transplanted	N/A	N/A
R170	Hibiscus Tiliaceus	Transplanted	N/A	N/A
R171	Hibiscus Tiliaceus	Transplanted	N/A	N/A

Remark:

- Contractor keeps doing conservation measures throughout the project period, including continuous monitoring, fungal control, pruning for crossing or dead branch, reinforce tree support, apply fertilizer and regularly watering.

- For compensation provided from C1 to C13, refer to Table 2.

Table 2 - Schedule of Compensatory Trees for Transplanted Trees

Compensation	Original		Compensation		
Provided	Tree Tag	Species	Species	Reason	
C1	N74	Macaranga Tanarius	Ficus Virens	Macaranga Tanarius is ineligible for transplanting on or off site because of its low chance of surviving or recovering to its normal form after transplanting.	
C2	N78	Melia Azedarach	Melia Azedarach	N/A	
C3	N83	Psiduim Guajava	Ceilis Sinensis	Psiduim Guajava is not available in market	
C4	381	Hibiscus Tiliaceus	Hibiscus Tiliaceus	N/A	
C5	387	Hibiscus Tiliaceus	Hibiscus Tiliaceus	N/A	
C6	420	Bombax Ceiba	Bombax Ceiba	N/A	
C7	434	Melia Azedarach	Melia Azedarach	N/A	
C8	R144	Morus Alba	Cleistocalys Operculatus	Morus Alba is not available in market	
C9	R145	Morus Alba	Ficus Virens	Morus Alba is not available in market	
C10	R146	Morus Alba	Hibiscus Tiliaceus	Morus Alba is not available in market	
C11	R149	Delonix Regia	Delonix Regia	N/A	
C12	R150	Morus Alba	Ficus Virens	Morus Alba is not available in market	
C13	R155	Psiduim Guajava	Ceilis Sinensis	Psiduim Guajava is not available in market	

Remark:

All compensatory trees are in heavy standard size.

Table 3 - Relocation Schedule

Original		Relocated		Passan	
Tree Tag Drawing Ref.		Tree Tag	Drawing Ref.	Reason	
R150	SK001	Relocated R150	SK003	Conflict with lamp pole	
T57	SK003	T57	SK002	Retained on site without transplant	
T58	SK003	T58	SK002	Retained on site without transplant	
138	SK003	138	SK003	Conflict with underground cables	
384	SK003	384	SK003	Conflict with underground cables	
123	SK003	123	SK003	Occupied by existing trees, no sufficient space	
N83	SK003	N83	SK003	Conflict with underground cables	
420	SK003	420	SK003	Conflict with traffic sign and draw pit	
R155	SK003	R155	SK003	Too close to building, no sufficient space	
N78	SK003	N78	SK003	Conflict with lamp pole	
Compensatory		Relocated			
Tree 1	SK002	Compensatory Tree 1	SK002	Too close to other tree, no sufficient space	
Compensatory		Relocated Compensatory			
Tree Group 1	SK004	Tree Group 1	SK003	Conflict with lamp pole and cables	
Compensatory		Relocated Compensatory			
Tree Group 2	SK004	Tree Group 2	SK003	Conflict with existing trees	