

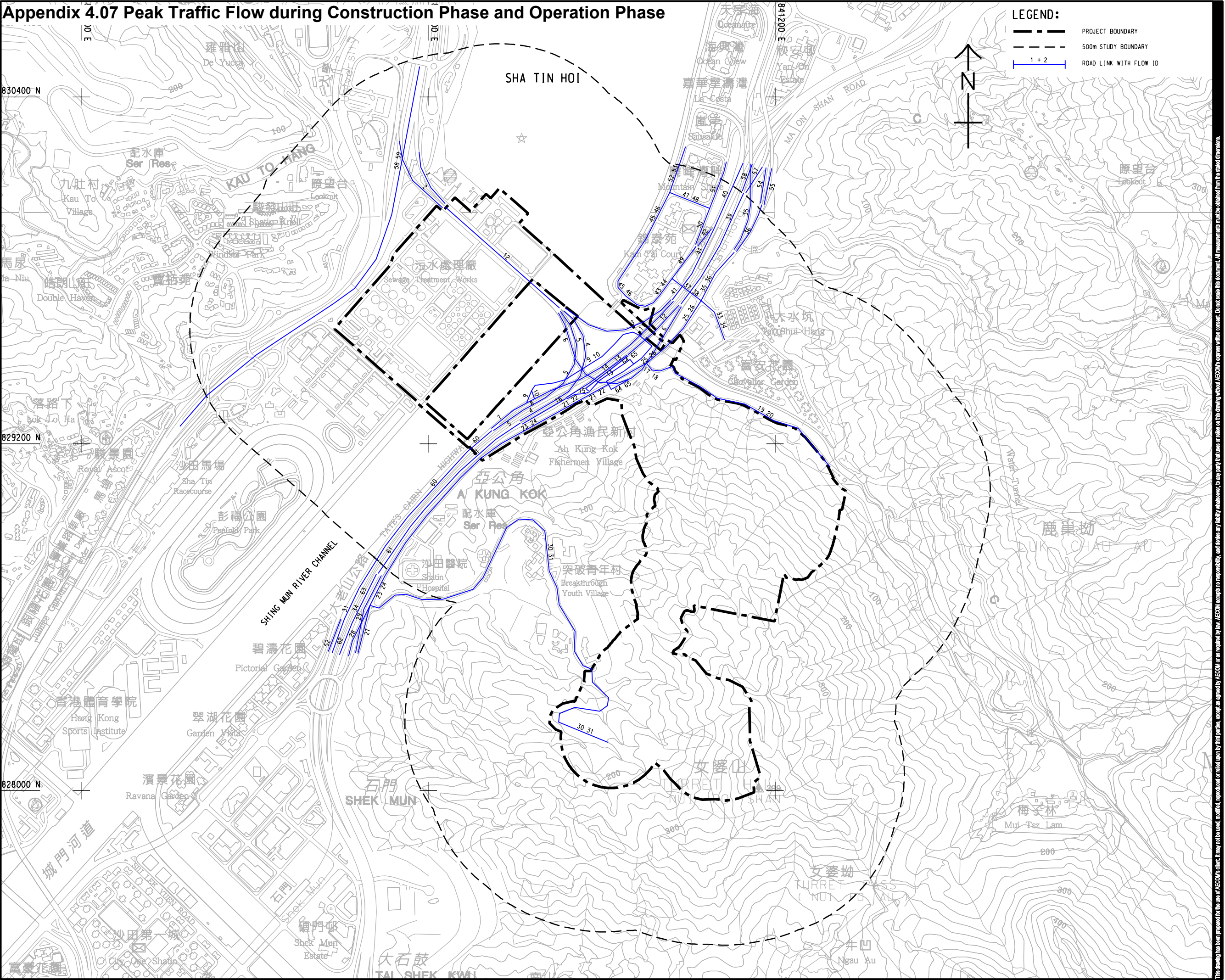
Traffic Flows and Breakdown by 2 Vehicle Classes

Link No.	AM Construction Peak (0930-1030)		PM Construction Peak (1630-1730)	
	Total Vehicle	HV%	Total Vehicle	HV%
1	3139	34.5%	2840	33.4%
2	2550	32.0%	2532	41.5%
3	1189	29.9%	1348	22.0%
4	1951	37.3%	1492	43.7%
5	1358	28.7%	1727	35.9%
6	1192	35.8%	805	53.5%
7	1171	31.5%	1504	37.5%
8	1013	20.8%	1346	30.1%
9	158	100.0%	158	100.0%
10	0	0.0%	0	0.0%
11	1013	20.8%	1346	30.1%
12	2161	23.1%	1141	32.9%
13	0	0.0%	0	0.0%
14	2161	23.1%	1141	32.9%
15	158	100.0%	158	100.0%
16	2319	28.4%	1299	41.1%
17	15	11.1%	21	55.4%
18	27	50.8%	9	47.8%
19	15	11.1%	21	55.4%
20	27	50.8%	9	47.8%
21	226	61.6%	296	66.9%
22	507	50.0%	310	59.0%
23	230	59.8%	311	66.3%
24	527	51.7%	305	59.3%
25	227	62.7%	291	68.4%
26	496	49.4%	318	60.3%
27	602	51.6%	404	53.0%
28	1085	28.7%	651	36.9%
29	292	53.1%	378	62.0%
30	31	40.1%	28	62.3%
31	58	48.1%	46	52.1%
32	462	28.9%	676	42.6%
33	330	36.4%	232	51.7%
34	228	40.6%	249	46.8%
35	42	55.8%	38	38.1%
36	322	55.3%	229	59.5%
37	289	53.9%	265	71.1%
38	176	43.2%	118	47.4%
39	3352	27.6%	1945	41.4%
40	2280	28.2%	2796	28.7%
41	2202	25.7%	2695	26.0%
42	79	100.0%	102	100.0%
43	188	41.5%	143	42.9%
44	56	75.4%	70	84.3%
45	41	89.6%	56	92.9%
46	174	43.3%	121	48.3%
47	35	17.3%	20	35.4%
48	140	13.3%	106	24.4%
49	245	47.2%	220	61.4%
50	166	22.2%	119	28.2%
51	271	18.3%	204	25.5%
52	56	80.1%	62	87.0%
53	273	31.4%	232	40.1%
54	238	63.3%	161	69.9%

55	123	29.5%	111	31.5%
56	1776	31.6%	1113	51.3%
57	1577	23.2%	833	28.2%
58	2990	43.5%	3706	50.8%
59	3106	42.2%	3524	43.3%
60	2529	30.0%	3231	36.6%
61	4269	32.5%	2791	42.5%
62	2067	30.2%	2555	35.1%
63	3184	33.7%	2140	44.1%
64	158	100.0%	158	100.0%
65	158	100.0%	158	100.0%

Appendix 4.07 Peak Traffic Flow during Construction Phase and Operation Phase

ISO A1 594mm x 841mm
 Approved:
 Checked:
 Designer:
 Project Management Initials:



LEGEND:

- PROJECT BOUNDARY
- 500m STUDY BOUNDARY
- ROAD LINK WITH FLOW ID

1 + 2



PROJECT
 RELOCATION OF SHA TIN SEWAGE TREATMENT WORKS TO CAVERNS: CAVERNS AND SEWAGE TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION

CLIENT
 渠務署
 Drainage Services Department

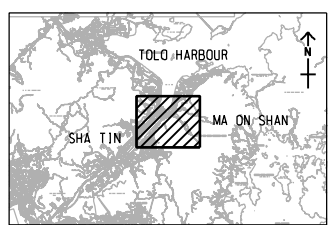
CONSULTANT
 AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS
 分判工程師公司

ISSUE/REVISION

IR	DATE	DESCRIPTION	CHK

SCALE
 A1 1: 8000
KEY PLAN A1 1: 250000



PROJECT NO.
 60334056
CONTRACT NO.
 CE 30/2014 (DS)

SHEET TITLE
 LOCATION OF VEHICULAR EMISSION SOURCE

SHEET NUMBER
 60334056/EIA/Appendix 4.07

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, for any party, for uses or reliance on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the related dimensions.

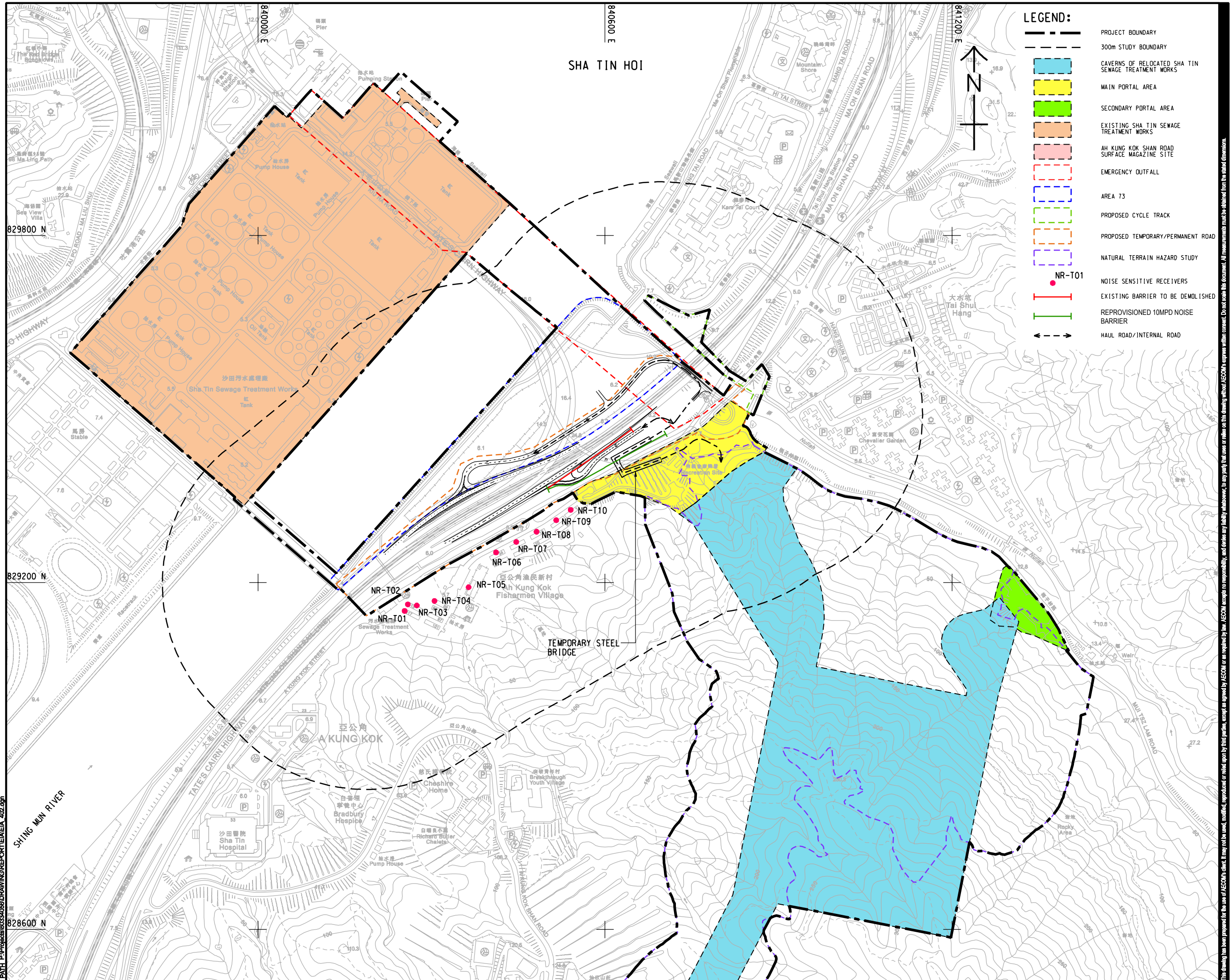
Appendix 4.07 Predicted Traffic Noise Levels under Construction Phase

NSR	Floor	Predicted Traffic Noise Level (L10, 1-hr), dB(A)		
		Without Project Scenario (Yr 2022)	With Project Scenario (Yr 2022)	Increase due to Project
		Overall	Overall	
NR-T01	1	80	80	0.0
NR-T01	2	81	81	0.0
NR-T02	1	80	80	0.0
NR-T02	2	81	81	0.0
NR-T03	1	75	75	0.0
NR-T03	2	76	76	0.0
NR-T04	1	75	75	0.0
NR-T04	2	77	77	0.0
NR-T05	1	73	73	0.0
NR-T06	1	75	75	0.0
NR-T06	2	77	77	0.1
NR-T07	1	75	75	0.0
NR-T07	2	76	76	0.0
NR-T08	1	75	75	-0.1
NR-T08	2	76	76	0.0
NR-T09	1	74	74	-0.3
NR-T09	2	75	75	0.0
NR-T10	1	74	74	-0.2
NR-T10	2	76	76	0.0

Note:

- Boldfaced values indicate exceedance to 70 dB(A) noise criterion.

ISO A1 594mm x 841mm
 Approved:
 Checked:
 Designer:
 Project Management Initials:
 Pcd File By: WONGCKK_08102015
 PATH: P:\Projects\60334056\DRAWING\REPORT\EA1A_402.dwg
 829800 N
 829200 N
 828600 N



SHA TIN HOI

LEGEND:

- PROJECT BOUNDARY
- 300m STUDY BOUNDARY
- CAVERNS OF RELOCATED SHA TIN SEWAGE TREATMENT WORKS
- MAIN PORTAL AREA
- SECONDARY PORTAL AREA
- EXISTING SHA TIN SEWAGE TREATMENT WORKS
- AH KUNG KOK SHAN ROAD SURFACE MAGAZINE SITE
- EMERGENCY OUTFALL
- AREA 73
- PROPOSED CYCLE TRACK
- PROPOSED TEMPORARY/PERMANENT ROAD
- NATURAL TERRAIN HAZARD STUDY
- NR-T01
- NOISE SENSITIVE RECEIVERS
- EXISTING BARRIER TO BE DEMOLISHED
- REPROVISIONED 10MPD NOISE BARRIER
- HAUL ROAD/INTERNAL ROAD

AECOM

PROJECT
 RELOCATION OF SHA TIN SEWAGE TREATMENT WORKS TO CAVERNS: CAVERNS AND SEWAGE TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION

CLIENT
 渠務署
 Drainage Services Department

CONSULTANT
 AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS
 工程顧問公司

ISSUE/REVISION

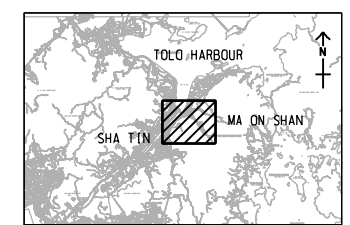
NO.	DATE	DESCRIPTION	CHK.

STATUS
 備註

SCALE
 比例尺: A1 1:3000

DIMENSION UNIT
 尺寸單位: METRES

KEY PLAN A1 1:25000



PROJECT NO.
 項目編號: 60334056

CONTRACT NO.
 合約編號: CE 30/2014 (DS)

SHEET TITLE
 圖則名稱: LOCATIONS OF REPRESENTATIVE NOISE SENSITIVE RECEIVERS FOR TRAFFIC NOISE AND THE REPROVISIONED NOISE BARRIERS

SHEET NUMBER
 圖則編號: 60334056/EIA/Appendix 4.07

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, for any party, for uses or reliance on this drawing without AECOM's express written consent. All measurements must be obtained from the related dimensions.

**By Fax (3922 9797)**

本署檔號 Our ref.: () in TDNR 171/200-288

來函檔號 Your ref.: CYKY:MLYH:GCCH:kchy:60334056/3.5-2015011021W

電話 Tel.: 2399 2408

7 September 2015

AECOM

8/F, Grand Central Plaza, Tower 2,

138 Shatin Rural Committee Road,

Shatin, N.T.

(Attention: Ms Cherry YAU)

Dear Sirs,

Agreement No. CE 30/2014 (DS)**Relocation of Sha Tin Sewage Treatment Works to Caverns: Caverns and Sewage Treatment Works – Investigation, Design and Construction****Technical Note on Traffic Forecast for Environmental Impact Assessment**

We refer to your above letter dated 24 August 2015 enclosing the captioned paper. Noting you will develop traffic models for traffic forecast, we therefore have no comments from traffic engineering point of view on the proposed traffic forecasting methodology.

Yours faithfully,

(Andrew TSANG)

for Commissioner for Transport

c.c.

CE/SP, DSD

Fax no. 2827 8700

Internal – note in file

E/MOS