

Total: 79 pages

Date: 28 September 2026

TPB Ref.: A/NE-TKLN/137

By Email

Town Planning Board
15/F, North Point Government Offices
333, Java Road
North Point
Hong Kong
(Attn: The Secretary)

Dear Sir,

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for a Period of 3 Years at Lot 356 in D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North, New Territories

Our response to the further comments of the Transport Department is found in the attachment.

Should you have any questions, please feel free to contact the undersigned at [REDACTED]

Yours faithfully,



Patrick Tsui

c.c. Sha Tin, Tai Po and North District Planning Office (Attn: Mr. Adrian TAM) – By Email

**Proposed Temporary Public Vehicle Park (Excluding Container Vehicle),
Eating Place and Shop and Services (Local Provision Store
with Ancillary Office and Store Room) for A Period of 3 Years
at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North
(Application No.: A/NE-TKLN/137)**

28 September 2026

Response to TD Comments

Comments	Responses
1. Table 1 — There are 2 existing temporary public vehicle parks (76 and 77 spaces) adjacent to Lin Ma Hang Road, both of which (traffic generation/attraction) should be considered in the traffic flow analysis;	Please note that the traffic generation surveys conducted in August 2026 included the two existing temporary public vehicle parks and the locations are shown in updated Figure 1. The one in the south of access road is named as “PVP1” and another in the north of the access road is named as “PVP2”. From the survey results, it is observed that the peak traffic flows at the two locations are not occurred at the same time. So, the traffic generation survey at PVP1 conducted in December 2025 is retrieved for comparison purpose. The comparison results are shown in the updated Table 1. For conservative approach, the largest trip rates in individual peak hour are adopted in the subsequent assessment.
2. It is noted that the traffic survey results from August 2026 deviated from the typical traffic behaviour, likely due to the summer holiday. To ensure a comprehensive review of the traffic conditions, the applicant should also incorporate the previous survey conducted in Dec 2025, alongside the traffic attraction/generation figures for both the proposed development and adjacent temporary public vehicle parks;	Please note that traffic count survey in December 2025 did not cover the traffic flows generated by PVP2 and existing bridge section. Nevertheless, a comprehensive assessment is also conducted based on the 2025 traffic flows available. Please refer to updated tables for assessment results on 2025 and 2026 traffic flows.
3. The traffic flow (in/out) of “2026 Existing Traffic Flow” is unclear and not self-explanatory, the applicant should review and revise the traffic survey results accordingly; and	For clarity, the traffic flow figures are updated accordingly, please refer to Figures 2 to 9 for details.
4. The approval condition for another approved temporary public vehicle park required widening a section of the single-track access road to two-way traffic, this condition cannot be assumed or adopted in your proposal, especially since the road widening works are still under progress.	The applicant is committed to implement the road widening works if the applicant of another approved temporary public vehicle park fails to do so.

Table 1 – Traffic Generation of Adjacent Temporary Public Vehicle Park and Derived Trip Rates

Item	Peak Hour Traffic Flow (pcu/hr)							
	Weekday AM		Weekday PM		Sunday Noon		Sunday PM	
	Gen.	Att.	Gen.	Att.	Gen.	Att.	Gen.	Att.
Traffic Generation of Adjacent Temporary Public Vehicle Park (56 spaces) (pcu/hr)								
PVP1 (56 spaces) in Dec 2025	2	9	20	21	1	4	14	13
PVP1 (56 spaces) in Aug 2026	10	13	4	6	2	2	7	6
PVP2 (77 spaces) in Aug 2026	18	15	33	14	11	11	1	21
Derived Trip Rates for Public Vehicle Park (pcu/hr/space)								
PVP1 (56 spaces) in Dec 2025	0.04	0.16	0.36	0.38	0.02	0.07	0.25	0.23
PVP1 (56 spaces) in Aug 2026	0.18	0.23	0.07	0.11	0.04	0.04	0.13	0.11
PVP2 (77 spaces) in Aug 2026	0.23	0.19	0.18	0.21	0.14	0.14	0.01	0.27
Adopted Trip Rates for Public Vehicle Park (pcu/hr/space)								
Public Vehicle Park ⁽¹⁾	0.23	0.23	0.36	0.38	0.14	0.14	0.25	0.27

Note: Gen. – Generation; Att. - Attraction

(1) The larger rate is adopted for conservative.

Table 2 – Traffic Generation of Proposed Development

Item	Unit / Content	Peak Hour Traffic Flow (pcu/hr)							
		Weekday AM		Weekday PM		Sunday Noon		Sunday PM	
		Gen.	Att.	Gen.	Att.	Gen.	Att.	Gen.	Att.
Adopted Trip Rates for Public Vehicle Park (pcu/hr/space)									
Public Vehicle Park		0.23	0.23	0.36	0.38	0.14	0.14	0.25	0.27
Traffic Generation of Proposed Development (pcu/hr)									
Public Vehicle Park	60 spaces	14	14	22	23	9	9	15	17

Note: Gen. – Generation; Att. - Attraction

Table 3 - Junction Capacity Assessment

Scenario	Type/ Capacity Index ⁽¹⁾	Peak Hour Junction Performance							
		Weekday AM		Weekday PM		Sunday Noon		Sunday PM	
		2026	2025	2026	2025	2026	2025	2026	2025
<u>Without</u> the proposed temporary public vehicle park									
J1	Priority/DFC	0.17	0.14	0.18	0.20	0.16	0.35	0.24	0.21
J2	Priority/DFC	0.23	0.05	0.28	0.23	0.52	0.11	0.49	0.23
J3	Priority/DFC	0.37	0.29	0.42	0.44	0.59	0.59	0.36	0.34
J4	Priority/DFC	0.10	0.12	0.08	0.16	0.10	0.21	0.07	0.18
<u>With</u> the proposed temporary public vehicle park									
J1	Priority/DFC	0.17	0.14	0.18	0.20	0.16	0.35	0.24	0.21
J2	Priority/DFC	0.27	0.08	0.33	0.28	0.54	0.13	0.53	0.27
J3	Priority/DFC	0.40	0.32	0.48	0.50	0.62	0.61	0.38	0.38
J4	Priority/DFC	0.13	0.14	0.13	0.21	0.12	0.22	0.09	0.20

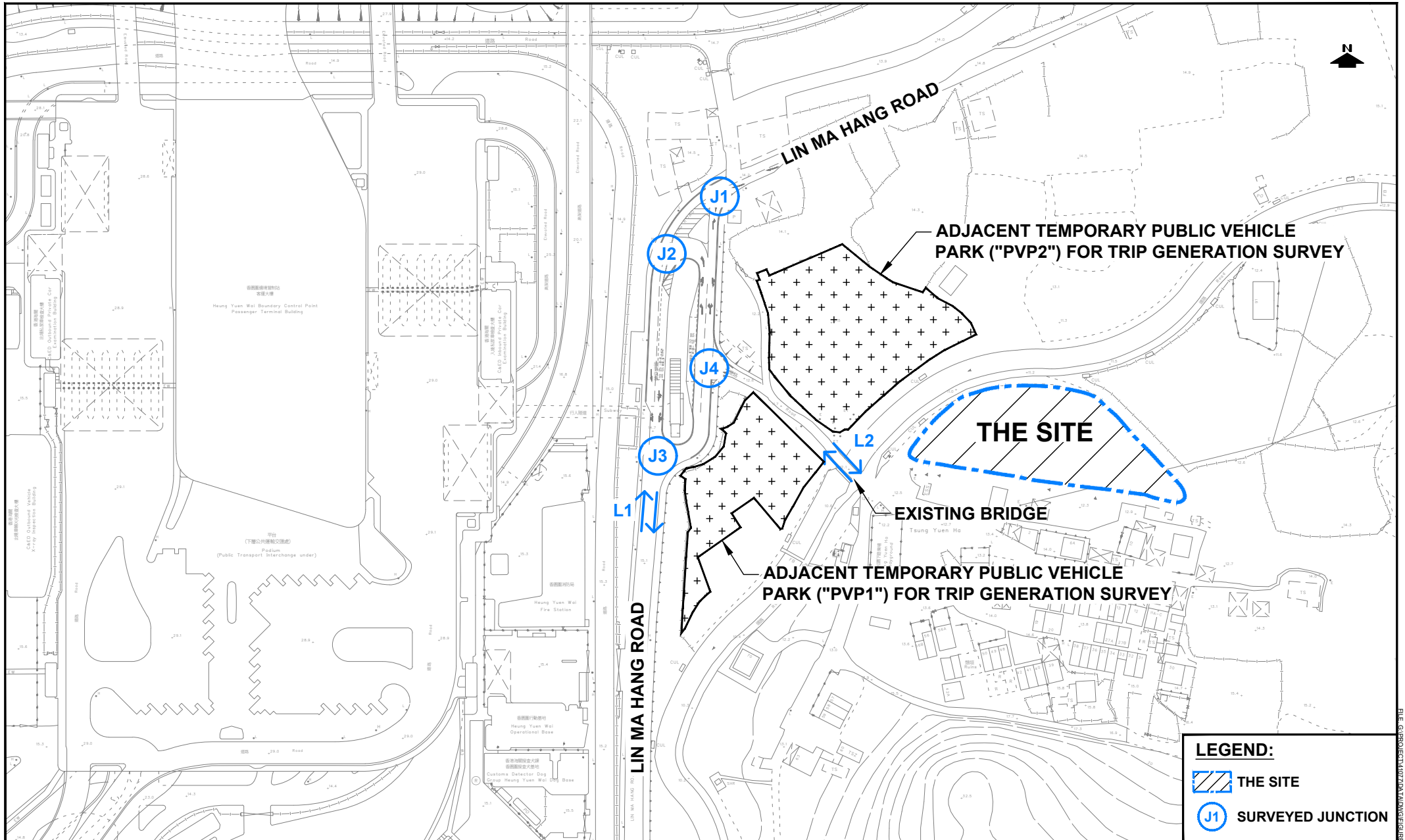
Note: (1) DFC = Design Flow to Capacity ratio for priority junction.

Table 4 - Road Link Capacity Assessment at Lin Ma Hang Road

Scenario	Capacity (veh/hr) [See Note 1]	Peak Hour Traffic Flow (veh/hr) [See Note 2] [volume/capacity ratio]							
		Weekday AM		Weekday PM		Sunday Noon		Sunday PM	
		2026	2025	2026	2025	2026	2025	2026	2025
<u>Without</u> the proposed temporary public vehicle park									
Lin Ma Hang Road northbound	400	178 [0.45]	151 [0.38]	199 [0.50]	208 [0.52]	249 [0.62]	298 [0.75]	135 [0.34]	164 [0.41]
Lin Ma Hang Road southbound	400	160 [0.40]	49 [0.12]	183 [0.46]	189 [0.47]	325 [0.81]	84 [0.21]	234 [0.59]	156 [0.39]
Local Access Road to Tsung Yuen Ha (Existing Bridge)	100	25 [0.25]	N/A	28 [0.28]	N/A	68 [0.68]	N/A	38 [0.38]	N/A
<u>With</u> the proposed temporary public vehicle park									
Lin Ma Hang Road northbound	400	192 [0.48]	165 [0.41]	222 [0.56]	231 [0.58]	258 [0.65]	307 [0.77]	152 [0.38]	181 [0.45]
Lin Ma Hang Road southbound	400	174 [0.44]	63 [0.16]	205 [0.51]	211 [0.53]	334 [0.84]	93 [0.23]	249 [0.62]	171 [0.43]
Local Access Road to Tsung Yuen Ha (Existing Bridge)	100	53 [0.53]	N/A	73 [0.73]	N/A	86 [0.86]	N/A	70 [0.70]	N/A

Note 1: According to the TPDM Vol 2, Section 2.4, the capacity for 2-lane single carriageway is 800 veh/hr, 2-way.
The capacity for single track access road is 100 veh/hr, 2-way.

Note 2: For conservative assessment purpose, 1 pcu equivalent to 1 vehicle is adopted.



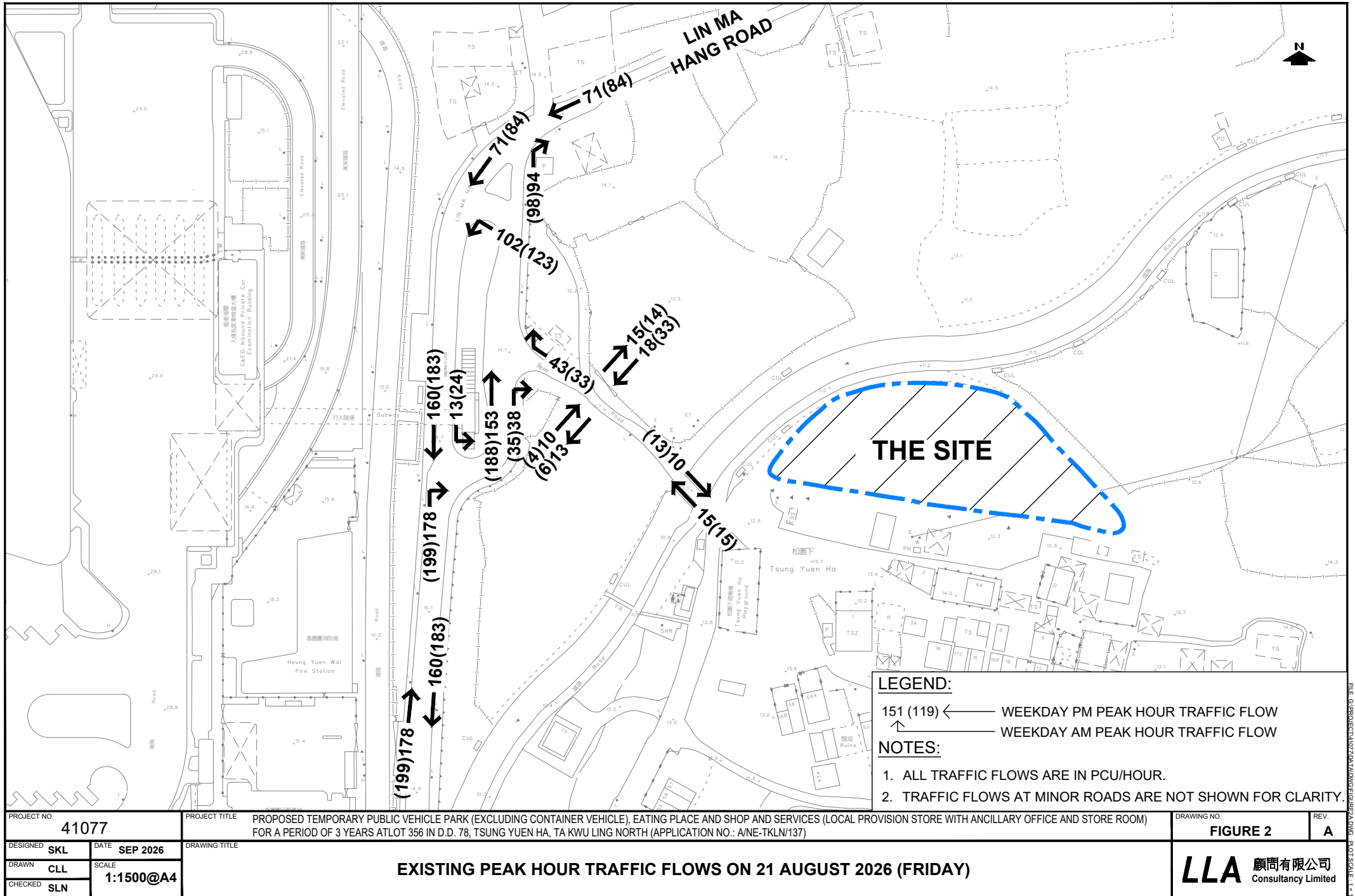
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DESIGNED	SKL	DATE	SEP 2026
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CHECKED	SLN		

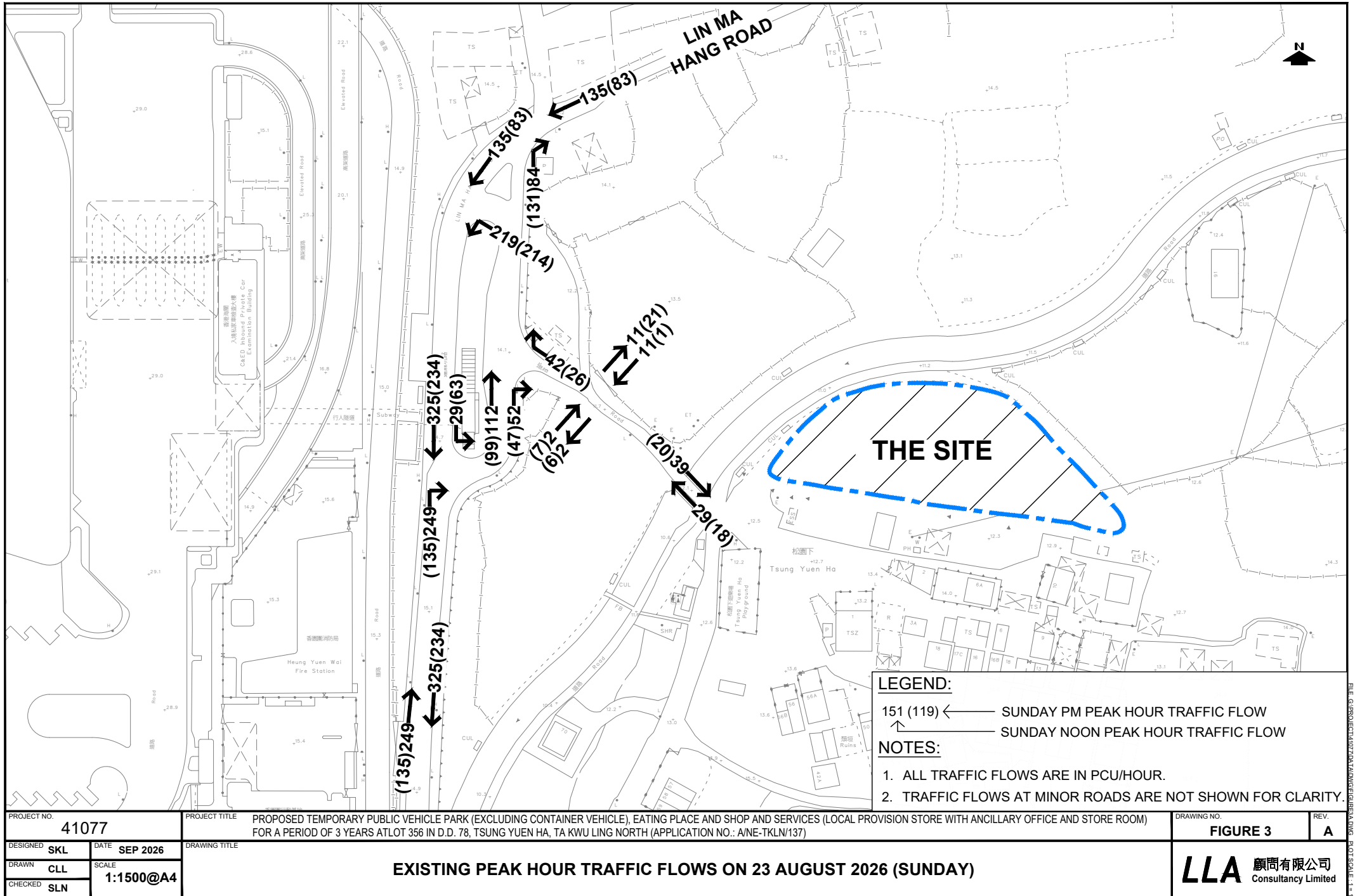
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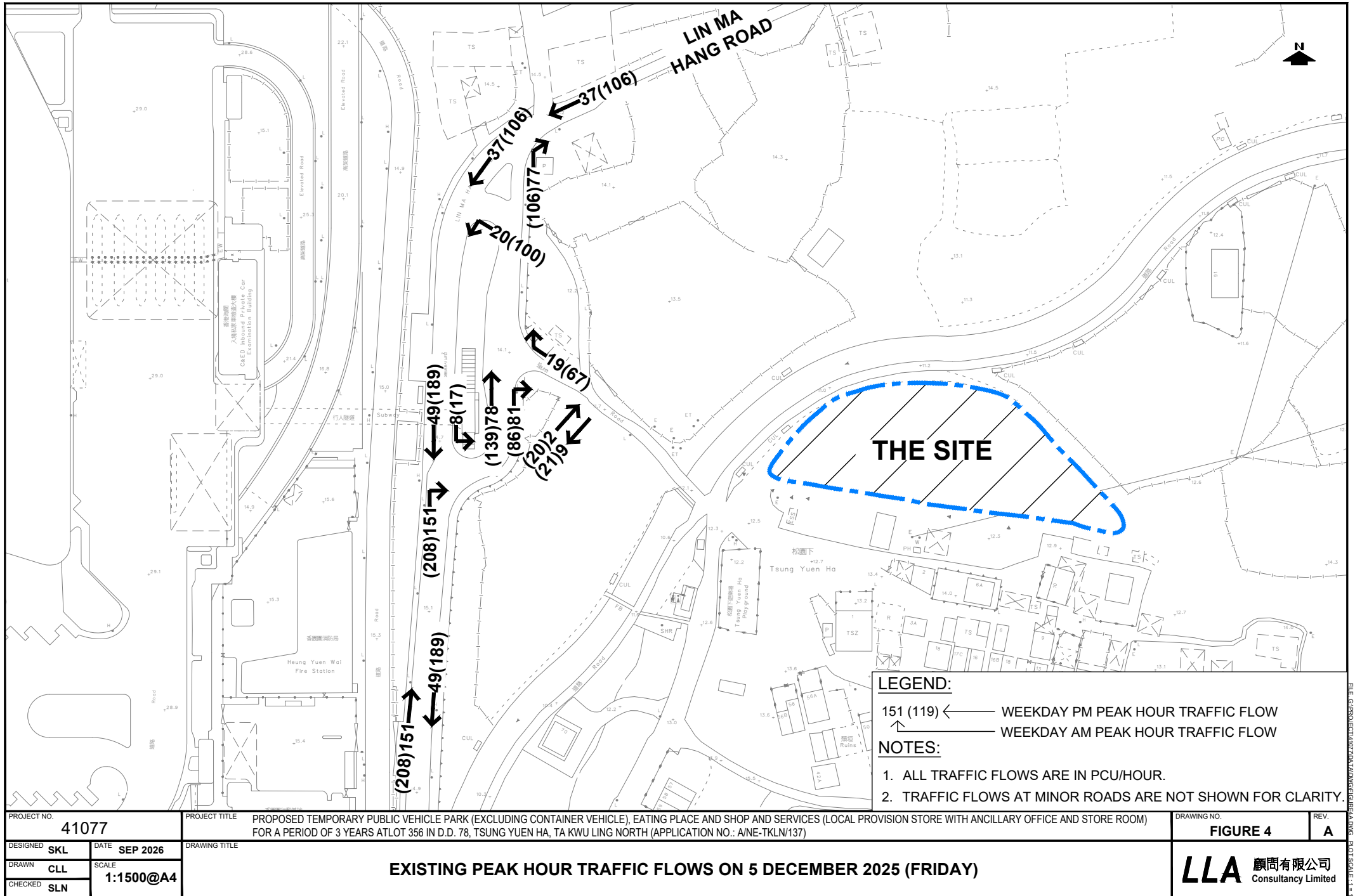
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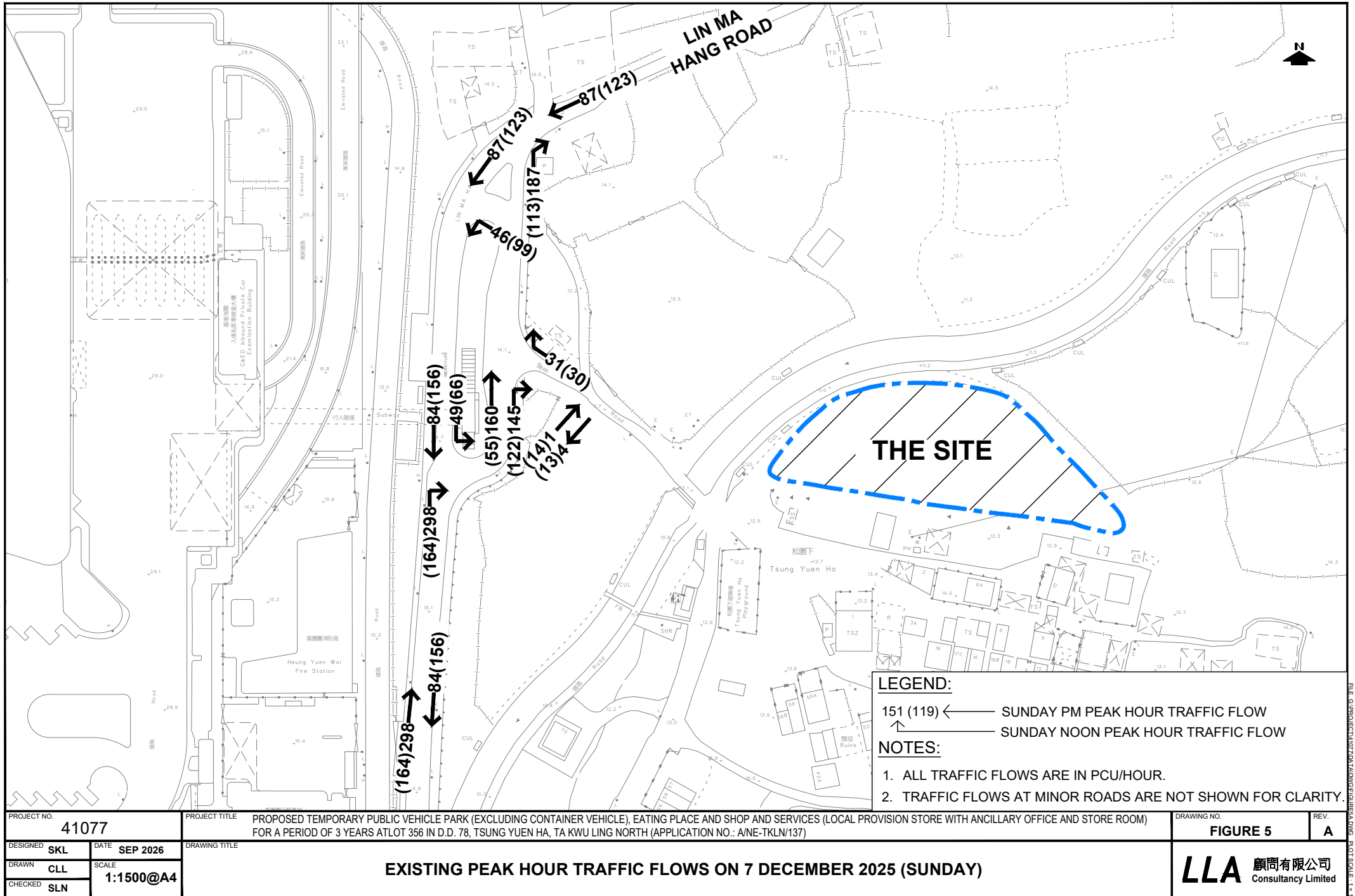
LEGEND:
 THE SITE
 SURVEYED JUNCTION

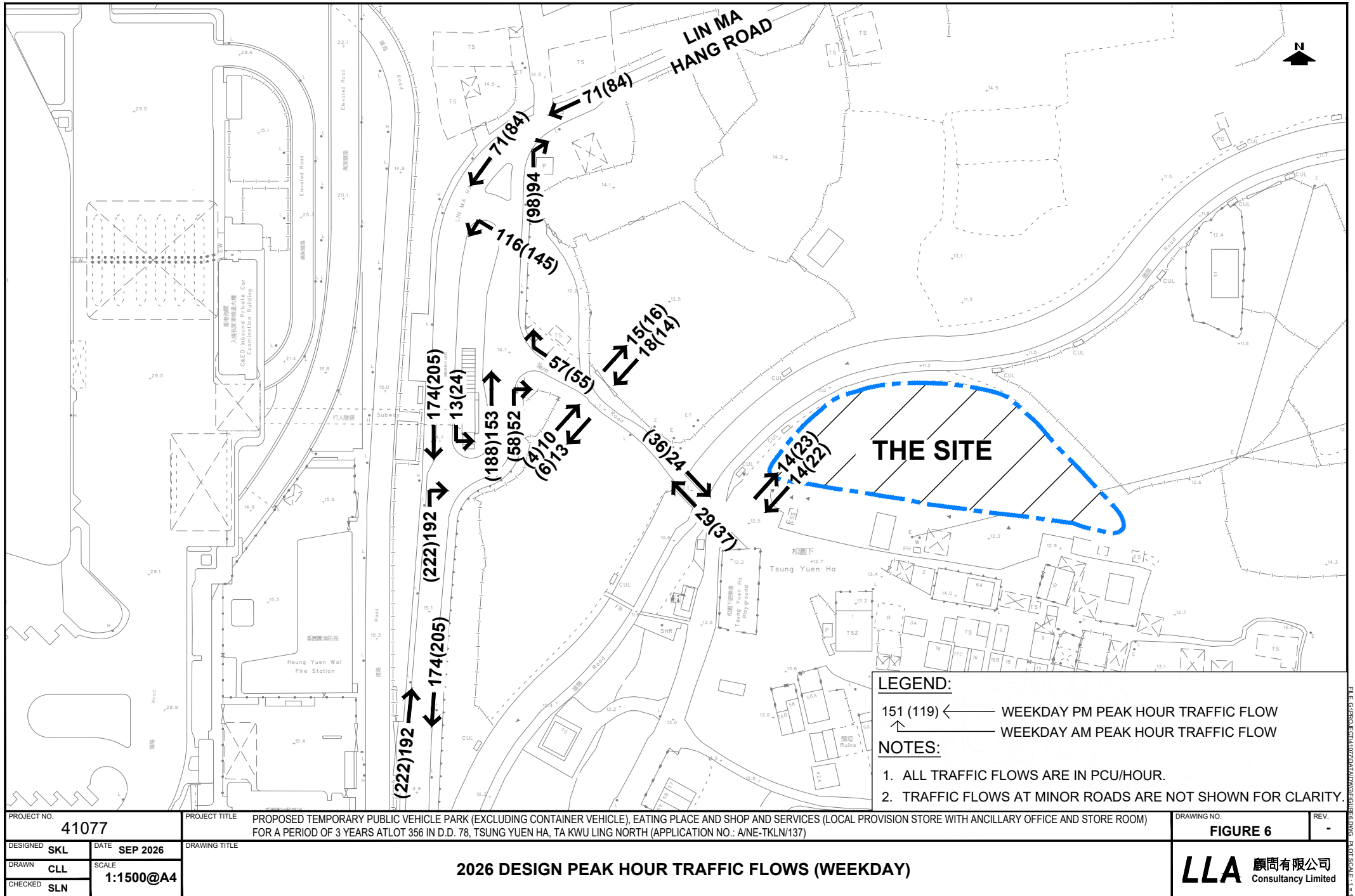
DRAWING NO.	FIGURE 1	REV.	A
 顧問有限公司 Consultancy Limited			

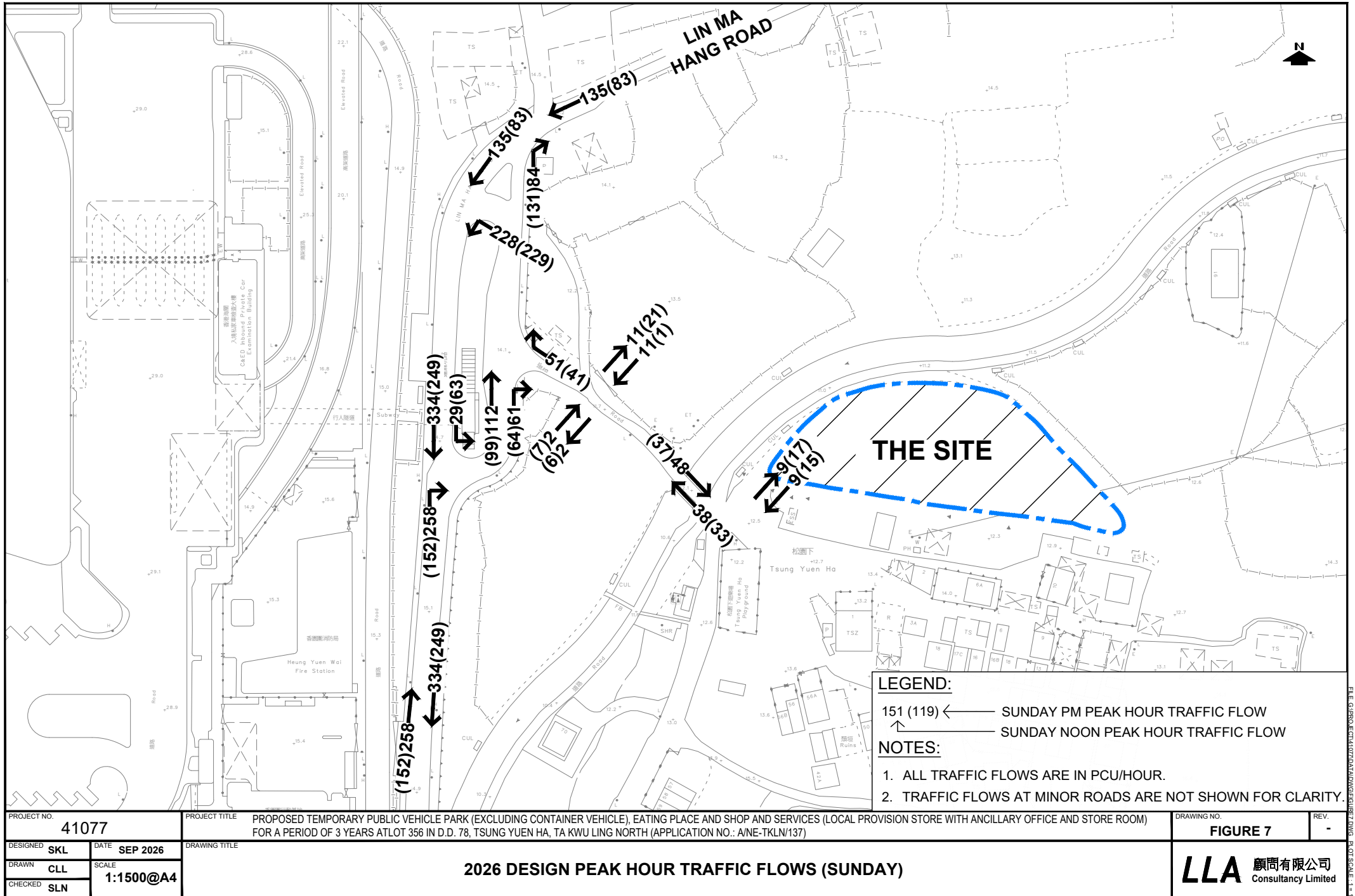


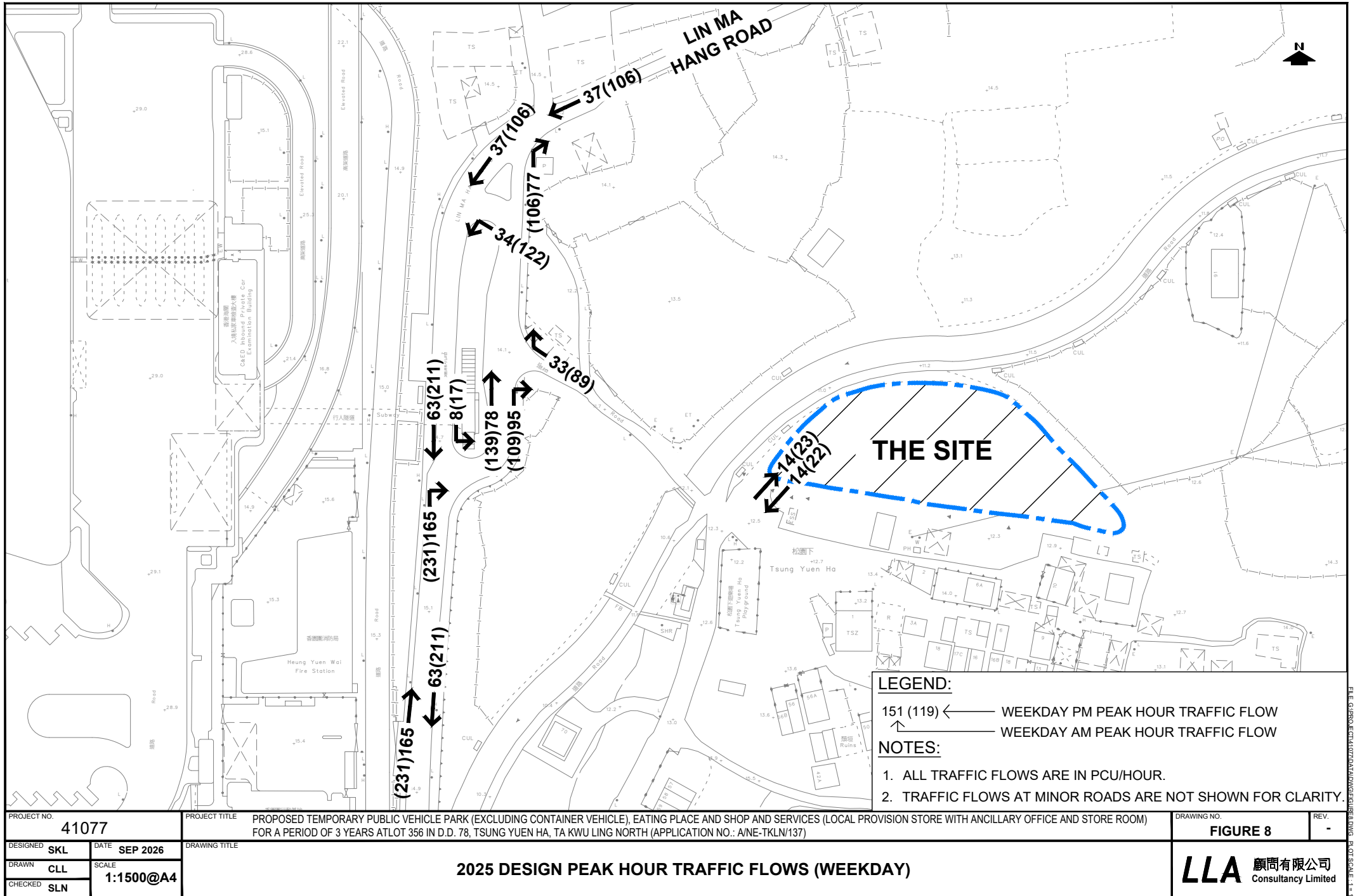


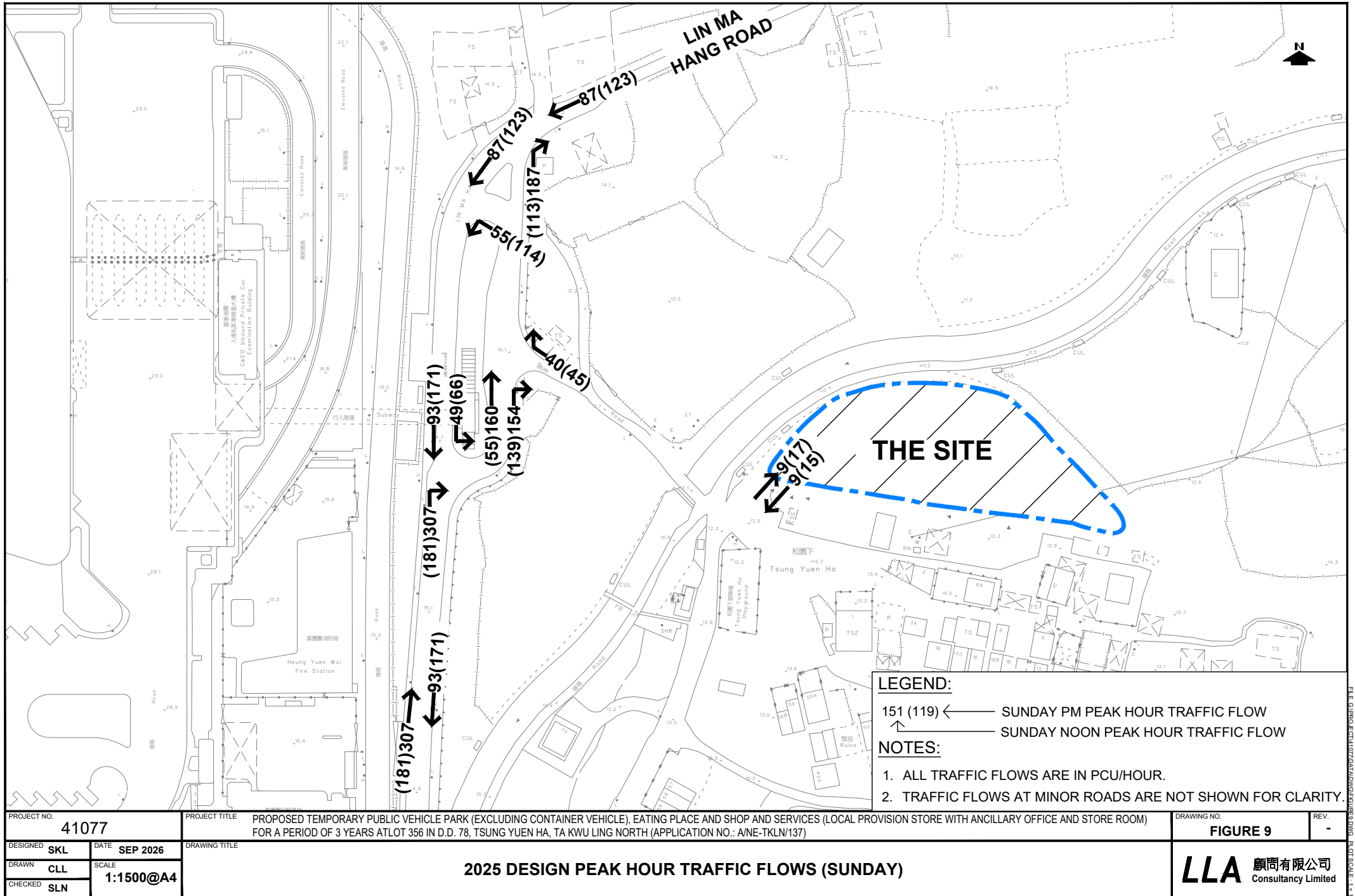












PROJECT NO. 41029

PROJECT TITLE PROPOSED TEMPORARY PUBLIC VEHICLE PARK (PRIVATE CAR ONLY) AND ASSOCIATED FILLING OF LAND FOR A PERIOD OF 3 YEARS IN "AGR" AND "V" ZONES, VARIOUS LOTS, TA KWU LING NORTH, N.T. (PLANNING APPLICATION NO. A/NE-TKLN/111)

DRAWING NO. FIGURE 1

REV. A

DESIGNED SKL DATE FEB 2026

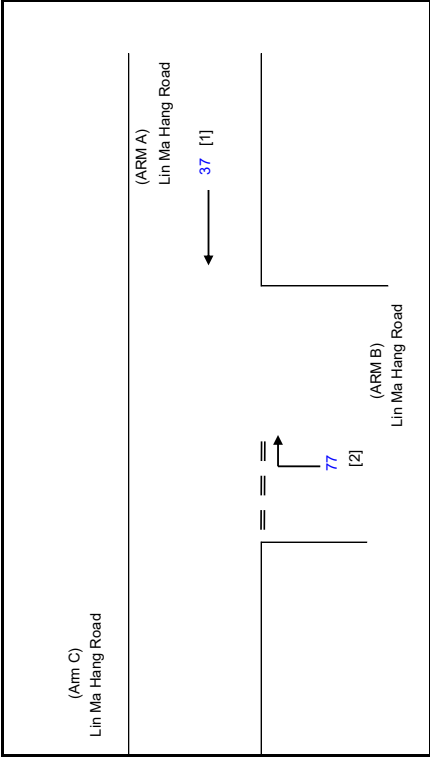
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PROPOSED ACCESS ROAD IMPROVEMENT - SCHEMATIC TRAFFIC LAYOUT

LLA 顧問有限公司
Consultancy Limited

LLA CONSULTANCY LIMITED		PRIORITY JUNCTION CALCULATION				INITIALS	DATE
Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PROJECT NO.: 41077		PREPARED BY:		SKL	Sep-26
		2025 Existing AM		FILENAME : J1_LMHR.xls		SLN	Sep-26
				REFERENCE NO.:		SLN	Sep-26
J1	Lin Ma Hang Road						



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W_{cr}	=	CENTRAL RESERVE WIDTH
W_{b-a}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W_{b-c}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W_{c-b}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W_{l-b-a}	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
W_{r-b-a}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
W_{l-b-c}	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-c
W_{r-b-c}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
W_{l-c-b}	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:				GEOMETRIC FACTORS :				THE CAPACITY OF MOVEMENT :				COMPARISON OF DESIGN FLOW TO CAPACITY:			
MAJOR ROAD (ARM A)				D	=	0.90216	Q b-a =	555	Q b-c (O) =		415.1	DFC b-a	=	0.1387	
W cr = 3.60 (metres)				E	=	0.58595	Q b-c =	430				DFC b-c	=	0.0000	
W cr = 0 (metres)				F	=	0.58595	Q c-b =	430				DFC c-b	=	0.0000	
q a-b = 0 (pcu/hr)				Y	=	0.87580	Q b-ac =	555				DFC b-ac (share lane)	=	0.1387	
q a-c = 37 (pcu/hr)				TOTAL FLOW = 114 (PCU/HR)											
MAJOR ROAD (ARM C)				F for (Qb-ac) = 0											
W c-b = 0.00 (metres)															
Vr c-b = 0 (metres)															
q c-a = 0 (pcu/hr)															
q c-b = 0 (pcu/hr)															
MINOR ROAD (ARM B)															
W b-a = 4.30 (metres)															
W b-c = 0.00 (metres)															
Vl b-a = 0 (metres)															
Vr b-a = 47 (metres)															
Vr b-c = 0 (metres)															
q b-a = 77 (pcu/hr)															
q b-c = 0 (pcu/hr)															
CRITICAL DFC														=	0.14

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE	
J1 Lin Ma Hang Road		2025 Existing PM		PROJECT NO.: 41077		PREPARED BY: SKL	
				FILENAME : J1_LMHR.xls		CHECKED BY: SLN	
				REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 106 [2] 106 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)					
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 106 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 106 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 535 Q b-c = 417 Q c-b = 417 Q b-ac = 535 TOTAL FLOW = 212 (PCU/HR)		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.1981 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.1981		CRITICAL DFC = 0.20	

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 in D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J1 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2025 Design AM

PROJECT NO.: 41077

FILENAME: J1 LM

REFERENCE NO.:

DATE _____
INITIALS _____

SKL Sep-26

SLN Sep-26

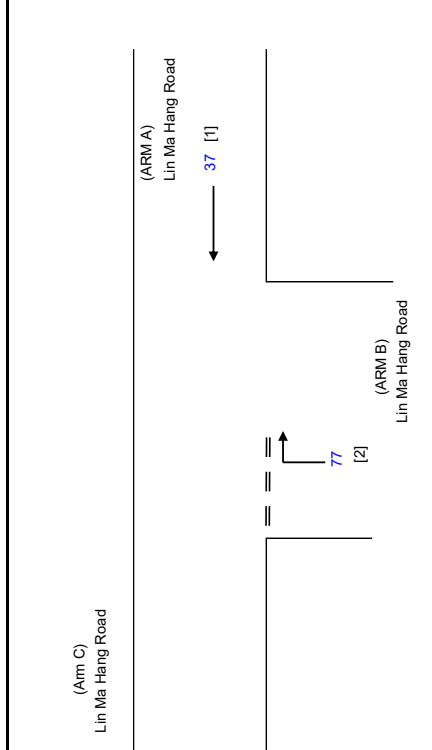
SLN
Sep-26

DATE _____

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W _c	=	CENTRAL RESERVE WIDTH
W _{b-a}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W _{b-c}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W _{c-b}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W _{b-a}	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
W _{b-a}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
W _{b-c}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
W _{c-b}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	$=$	3.60	(metres)
W_{cr}	$=$	0	(metres)
q_{a-b}	$=$	0	(pcu/hr)
q_{a-c}	$=$	37	(pcu/hr)

MAJOR ROAD (ARM C)

W c-b =	0.00	(metres)
Vr c-b =	0	(metres)
q c-a =	0	(pcu/hr)
q c-b =	0	(pcu/hr)

MINOR ROAD (ARM B)

W b-a =	4.30	(metres)
W b-c =	0.00	(metres)
V l b-a =	0	(metres)
V r b-a =	47	(metres)
V r b-c =	0	(metres)
q b-a =	77	(pcu/hr)
q b-c =	0	(pcu/hr)

D	=	0.90216
E	=	0.58595
F	=	0.58595
Y	=	0.87580

F for (Qb-ac) = 0

GEOMETRIC FACTORS :

Q b-a =	555
Q b-c =	430
Q c-b =	430
Q b-ac =	555

TOTAL FLOW = 114 (PCU/HR)

THE CAPACITY OF MOVEMENT :

DFC b-a	=	0.1387
DFC b-c	=	0.0000
DFC c-b	=	0.0000
DFC b-ac (share lane)	=	0.1387

CRITICAL DFC = 0.14

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE	
J1 Lin Ma Hang Road		2025 Design PM		PROJECT NO.: 41077		PREPARED BY: SKL	
				FILENAME : J1_LMHR.xls		CHECKED BY: SLN	
				REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 106 [2] 106 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)					
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 106 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 106 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 535 Q b-c = 417 Q c-b = 417 Q b-ac = 535 TOTAL FLOW = 212 (PCU/HR) COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.1981 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.1981 CRITICAL DFC = 0.20					

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 in D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J1 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2026 Existing AM

PROJECT NO.: 41077

FILENAME: J1 LM

REFERENCE NO.:

DATE _____

INITIALS

Sep-26

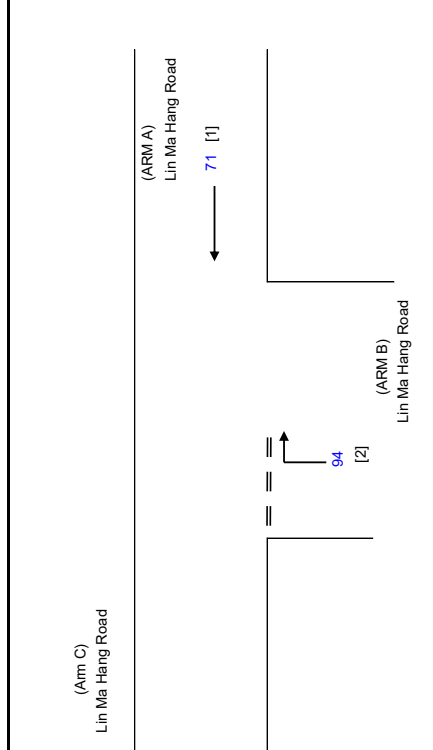
SKL

Sep-26

NTS

Sep-26

NTS



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W α	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
V b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V b-a	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
Vr b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
Vr c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	$=$	3.60	(metres)
W_{cr}	$=$	0	(metres)
q_{a-b}	$=$	0	(pcu/hr)
q_{a-c}	$=$	71	(pcu/hr)

D	=	0.90216
E	=	0.58595
F	=	0.58595
Y	=	0.87580

MAJOR ROAD (ARM C)

W_{c-b}	=	0.00	(metres)
Vr_{c-b}	=	0	(metres)
q_{c-a}	=	0	(pcu/hr)
q_{c-b}	=	0	(pcu/hr)

F for (Qb-ac) =	0
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MINOR ROAD (ARM B)

W b-a =	4.30	(metres)
W b-c =	0.00	(metres)
Vl b-a =	0	(metres)
Vr b-a =	47	(metres)
Vr b-c =	0	(metres)
q b-a =	94	(pcu/hr)
q b-c =	0	(pcu/hr)

THE CAPACITY OF MOVEMENT :

Q b-a =	545
Q b-c =	423
Q c-b =	423
Q b-ac =	545

TOTAL FLOW = 165 (PCU/HR)

**COMPARISON OF DESIGN FLOW
TO CAPACITY:**

DFC b-a	=	0.1725
DFC b-c	=	0.0000
DFC c-b	=	0.0000
DFC b-ac (share lane)	=	0.1725

CRITICAL DFC = 0.17

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS	DATE
J1 Lin Ma Hang Road		2026 Existing PM		PROJECT NO.: 41077	PREPARED BY: SKL
				FILENAME : J1_LMHR.xls	CHECKED BY: SLN
				REFERENCE NO.:	REVIEWED BY: SLN
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 98 [2] 84 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vi b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 84 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vi b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 98 (pcu/hr) q b-c = 0 (pcu/hr) THE CAPACITY OF MOVEMENT : Q b-a = 541 Q b-c = 421 Q c-b = 421 Q b-ac = 541 TOTAL FLOW = 182 (PCU/HR) GEOMETRIC FACTORS : D = 0.90216 E = 0.58595 F = 0.58595 Y = 0.87580 F for (Qb-ac) = 0 COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.1811 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.1811 CRITICAL DFC = 0.18					

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE			
J1 Lin Ma Hang Road		2026 Design AM		PROJECT NO.: 41077		PREPARED BY: SKL			
				FILENAME : J1_LMHR.xls		CHECKED BY: SLN			
				REFERENCE NO.:		REVIEWED BY: SLN			
(Arm C) Lin Ma Hang Road 71 [1] 94 [2] (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vi b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)							
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 71 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vi b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 94 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 545 Q b-c = 423 Q c-b = 423 Q b-ac = 545 TOTAL FLOW = 165 (PCU/HR)				COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.1725 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.1725		CRITICAL DFC = 0.17	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS DATE	
J1 Lin Ma Hang Road		2026 Design PM		PROJECT NO.: 41077 PREPARED BY: SKL FILENAME : J1_LMHR.xls CHECKED BY: SLN REFERENCE NO.: REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 98 [2] 84 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 84 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 98 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 541 Q b-c = 421 Q c-b = 421 Q b-ac = 541 TOTAL FLOW = 182 (PCU/HR) COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.1811 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.1811 CRITICAL DFC = 0.18			

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE			
J2 Lin Ma Hang Road		2025 Existing AM		PROJECT NO.: 41077		PREPARED BY: SKL			
				FILENAME : J2_LMHR.xls		CHECKED BY: SLN			
				REFERENCE NO.:		REVIEWED BY: SLN			
(Arm C) Lin Ma Hang Road ← 20 [2] (Arm A) Lin Ma Hang Road ← 37 [1] (Arm B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vi b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)							
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 37 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vi b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 20 (pcu/hr)		GEOMETRIC FACTORS : D = 0.86895 E = 0.60369 F = 0.58595 Y = 0.87925 F for (Qb-ac) = 1		THE CAPACITY OF MOVEMENT : Q b-a = 535 Q b-c = 443 Q c-b = 430 Q b-ac = 443 TOTAL FLOW = 57 (PCU/HR)		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.0451 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.0451		CRITICAL DFC = 0.05	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE			
J2 Lin Ma Hang Road		2025 Existing PM		PROJECT NO.: 41077		PREPARED BY: SKL			
				FILENAME : J2_LMHR.xls		CHECKED BY: SLN			
				REFERENCE NO.:		REVIEWED BY: SLN			
(Arm C) Lin Ma Hang Road 100 [2] 106 [1] (Arm A) Lin Ma Hang Road (Arm B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)							
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 106 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 100 (pcu/hr)		GEOMETRIC FACTORS : D = 0.86895 E = 0.60369 F = 0.58595 Y = 0.87925 F for (Qb-ac) = 1		THE CAPACITY OF MOVEMENT : Q b-a = 515 Q b-c = 429 Q c-b = 417 Q b-ac = 429 TOTAL FLOW = 206 (PCU/HR)		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.2331 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.2331		CRITICAL DFC = 0.23	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE			
J2 Lin Ma Hang Road		2025 Design PM		PROJECT NO.: 41077		PREPARED BY: SKL			
				FILENAME : J2_LMHR.xls		CHECKED BY: SLN			
				REFERENCE NO.:		REVIEWED BY: SLN			
(Arm C) Lin Ma Hang Road 122 [2] 106 [1] (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vi b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)							
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 106 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vi b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 122 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 515 Q b-c = 429 Q c-b = 417 Q b-ac = 429 TOTAL FLOW = 228 (PCU/HR)				COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.2844 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.2844		CRITICAL DFC = 0.28	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE							
J2 Lin Ma Hang Road		2026 Existing AM		PROJECT NO.: 41077		PREPARED BY: SKL							
				FILENAME : J2_LMHR.xls		CHECKED BY: SLN							
				REFERENCE NO.:		REVIEWED BY: SLN							
(Arm C) Lin Ma Hang Road 71 [1] 102 [2] (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)											
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 71 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 102 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 525 Q b-c = 436 Q c-b = 423 Q b-ac = 436 TOTAL FLOW = 173 (PCU/HR)						COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.2339 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.2339					
		CRITICAL DFC = 0.23											

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE	
J2 Lin Ma Hang Road		2026 Existing PM		PROJECT NO.: 41077		PREPARED BY: SKL	
				FILENAME : J2_LMHR.xls		CHECKED BY: SLN	
				REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road 123 [2] 84 [1] (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)					
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 84 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 123 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 521 Q b-c = 434 Q c-b = 421 Q b-ac = 434 TOTAL FLOW = 207 (PCU/HR)				COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.2834 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.2834	
		CRITICAL DFC = 0.28					

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J2 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2026 Design AM

PROJECT NO.: 41077

FILENAME: J2 LM

REFERENCE NO.:

INITIALS _____ DATE _____

SKL Sep-26

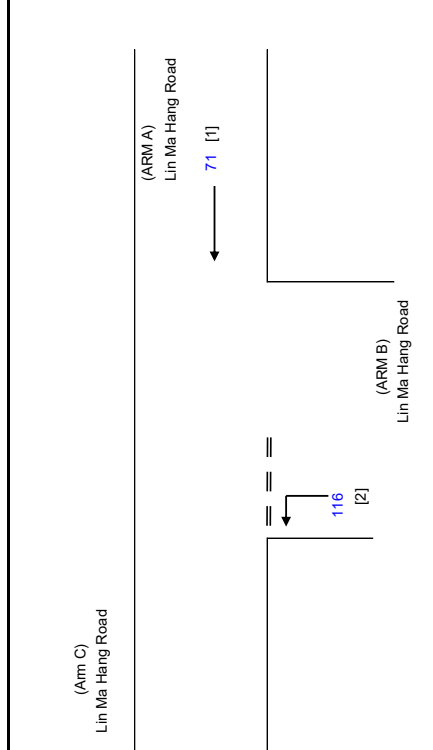
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DATE _____

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NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
W b-a	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
W b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
W c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARMA)				
W	=	3.50	(metres)	
W cr	=	0	(metres)	
q a-b	=	0	(pcu/hr)	
q a-c	=	71	(pcu/hr)	

MAJOR ROAD (ARM C)			
W c-b =	0.00	(metres)	
Vr c-b =	0	(metres)	
q c-a =	0	(pcu/hr)	
q c-b =	0	(pcu/hr)	

MINOR ROAD (ARM B)		
W b-a =	4.40	(metres)
W b-c =	0.00	(metres)
V l b-a =	0	(metres)
V r b-a =	0	(metres)
V r b-c =	30	(metres)
q b-a =	0	(pcu/hr)
q b-c =	116	(pcu/hr)

D	=	0.86895
E	=	0.60369
F	=	0.58595
Y	=	0.87925

F for (Qb-ac) = 1

GEOMETRIC FACTORS :

Q b-a =	525
Q b-c =	436
Q c-b =	423
Q b-ac =	436

TOTAL FLOW	=	187	(PCU/HR)
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**COMPARISON OF DESIGN FLOW
TO CAPACITY:**

DFC b-a	=	0.0000
DFC b-c	=	0.2661
DFC c-b	=	0.0000
DFC b-ac (share lane)	=	0.2661

CRITICAL DFC = 0.27

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS DATE	
J2 Lin Ma Hang Road		2026 Design PM		PROJECT NO.: 41077 PREPARED BY: SKL FILENAME : J2_LMHR.xls CHECKED BY: SLN REFERENCE NO.: REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 145 [2] 84 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 84 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 145 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 521 Q b-c = 434 Q c-b = 421 Q b-ac = 434 TOTAL FLOW = 229 (PCU/HR) COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.3341 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.3341 CRITICAL DFC = 0.33			

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J3 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2025 Existing AM

PROJECT NO.: 41077

FILENAME: J3 LM

REFERENCE NO.:

INITIALS	
DATE	

SKL Sep-26

SLN
Sep-26

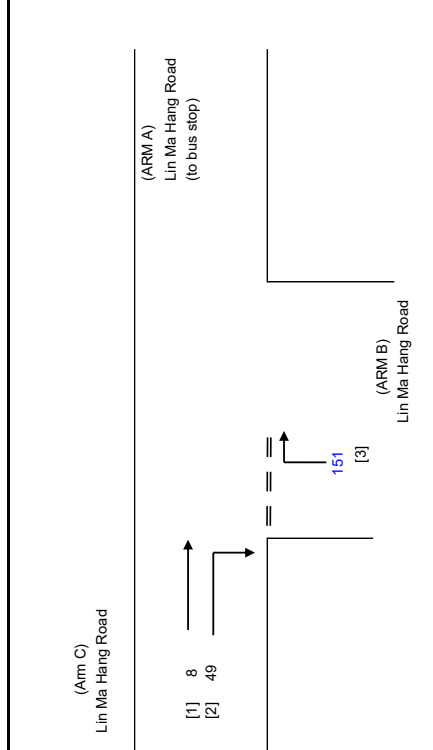
SLN Sep-26

DATE _____

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W l-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
W l-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
W l-b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
W l-c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	6.00	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

D	=	0.86524
E	=	0.58595
F	=	0.87585
Y	=	0.79300

MAJOR ROAD (ARM C)

W c-b =	2.50	(metres)
Vr c-b =	100	(metres)
q c-a =	8	(pcu/hr)
q c-b =	49	(pcu/hr)

F for (Qb-ac) = 0

MINOR ROAD (ARM B)

W b-a =	3.65	(metres)
W b-c =	0.00	(metres)
V l b-a =	100	(metres)
V r b-a =	0	(metres)
V r b-c =	0	(metres)
q b-a =	151	(pcu/hr)
q b-c =	0	(pcu/hr)

THE CAPACITY OF MOVEMENT :

Q b-a =	524
Q b-c =	437
Q c-b =	653
Q b-ac =	524
	Q b-c (O) = 405.5

DFC b-a	=	0.2882
DFC b-c	=	0.0000
DFC c-b	=	0.0750
DFC b-ac (share lane)	=	0.2882

TOTAL FLOW = 208 (PCU/HR)

CRITICAL DFC = 0.29

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 in D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J3 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2025 Existing PM

PROJECT NO.: 41077

FILENAME: J3 LM

REFERENCE NO.:

INITIALS

Sep-26

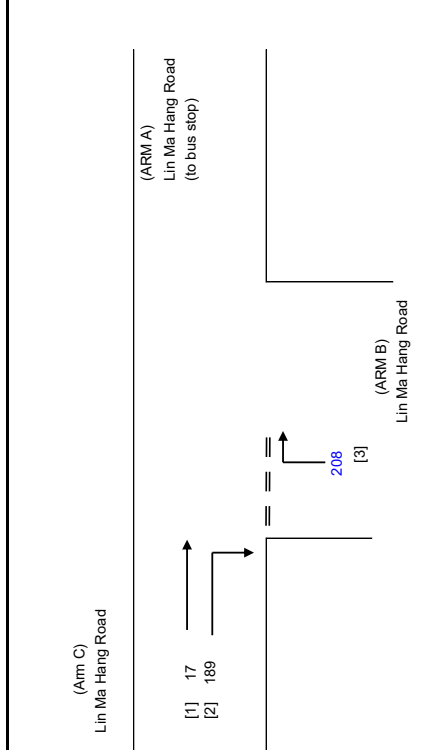
Sep-26

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Sep-26

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Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
V l-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V l-b	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V l-c	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-c
V r-c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	6.00	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

D	=	0.86524
E	=	0.58595
F	=	0.87585
Y	=	0.79300

MAJOR ROAD (ARM C)

W c-b =	2.50	(metres)
Vr c-b =	100	(metres)
q c-a =	17	(pcu/hr)
q c-b =	189	(pcu/hr)

F for (Qb-ac) = 0

MINOR ROAD (ARM B)

W b-a =	3.65	(metres)
W b-c =	0.00	(metres)
V l b-a =	100	(metres)
V r b-a =	0	(metres)
V r b-c =	0	(metres)
q b-a =	208	(pcu/hr)
q b-c =	0	(pcu/hr)

THE CAPACITY OF MOVEMENT :

Q b-a =	472	
Q b-c =	437	Q b-c (O) = 388.9
Q c-b =	653	
Q b-ac =	472	

DFC b-a	=	0.4407
DFC b-c	=	0.0000
DFC c-b	=	0.2894
DFC b-ac (share lane)	=	0.4407

TOTAL FLOW = 414 (PCU/HR)

CRITICAL DFC = 0.44

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J3 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2025 Design AM

PROJECT NO.: 41077

FILENAME: J3 LM

REFERENCE NO.:

INITIALS		DATE
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SKL Sep-26

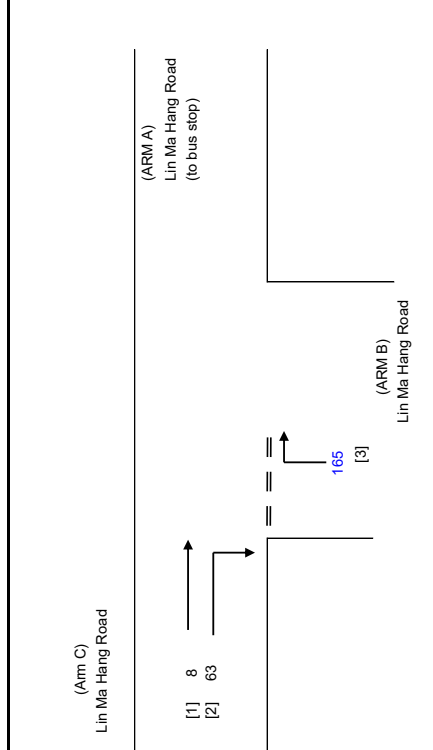
SLN
Sep-26SLN
Sep-26

DATE _____

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
V b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V b-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
V b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
V c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	6.00	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

MAJOR ROAD (ARM C)

W c-b =	2.50	(metres)
Vr c-b =	100	(metres)
q c-a =	8	(pcu/hr)
q c-b =	63	(pcu/hr)

MINOR ROAD (ARM B)

W b-a =	3.65	(metres)
W b-c =	0.00	(metres)
Vl b-a =	100	(metres)
Vr b-a =	0	(metres)
Vr b-c =	0	(metres)
q b-a =	165	(pcu/hr)
q b-c =	0	(pcu/hr)

GEOMETRIC FACTORS :

D	=	0.86524
E	=	0.58595
F	=	0.87585
Y	=	0.79300

THE CAPACITY OF MOVEMENT :

Q b-a =	519
Q b-c =	437
Q c-b =	653
Q b-ac =	519
	Q b-c (O) = 402.3

**COMPARISON OF DESIGN FLOW
TO CAPACITY:**

DFC b-a	=	0.3179
DFC b-c	=	0.0000
DFC c-b	=	0.0965
DFC b-ac (share lane)	=	0.3179

CRITICAL DFC = 0.32

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137) J3 Lin Ma Hang Road		PRIORITY JUNCTION CALCULATION 2026 Existing AM PROJECT NO.: 41077 FILENAME : J3_LMHR.xls REFERENCE NO.:		INITIALS SKL SLN SLN	DATE Sep-26 Sep-26 Sep-26
(Arm C) Lin Ma Hang Road [1] 13 [2] 160 (ARM A) Lin Ma Hang Road (to bus stop) (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 6.00 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 0 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 2.50 (metres) Vr c-b = 100 (metres) q c-a = 13 (pcu/hr) q c-b = 160 (pcu/hr) MINOR ROAD (ARM B) W b-a = 3.65 (metres) W b-c = 0.00 (metres) Vl b-a = 100 (metres) Vr b-a = 0 (metres) Vr b-c = 0 (metres) q b-a = 178 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 483 Q b-c = 437 Q c-b = 653 Q b-ac = 483 TOTAL FLOW = 351 (PCU/HR)		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.3685 DFC b-c = 0.0000 DFC c-b = 0.2450 DFC b-ac (share lane) = 0.3685 CRITICAL DFC = 0.37	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS	DATE
J3 Lin Ma Hang Road		2026 Existing PM		PREPARED BY:	Sep-26
				CHECKED BY:	Sep-26
				REVIEWED BY:	Sep-26

(Arm C)

Lin Ma Hang Road

[1] 24

[2] 183

(ARM A)

Lin Ma Hang Road

(to bus stop)

(ARM B)

Lin Ma Hang Road

NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH

W cr = CENTRAL RESERVE WIDTH

W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a

W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c

W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b

Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a

Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a

Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c

Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b

D = STREAM-SPECIFIC B-A

E = STREAM-SPECIFIC B-C

F = STREAM-SPECIFIC C-B

Y = (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W = 6.00 (metres)

W cr = 0 (metres)

q a-b = 0 (pcu/hr)

q a-c = 0 (pcu/hr)

MAJOR ROAD (ARM C)

W c-b = 2.50 (metres)

Vr c-b = 100 (metres)

q c-a = 24 (pcu/hr)

q c-b = 183 (pcu/hr)

MINOR ROAD (ARM B)

W b-a = 3.65 (metres)

W b-c = 0.00 (metres)

Vl b-a = 100 (metres)

Vr b-a = 0 (metres)

Vr b-c = 0 (metres)

q b-a = 199 (pcu/hr)

q b-c = 0 (pcu/hr)

GEOMETRIC FACTORS :

D = 0.86524

E = 0.58595

F = 0.87585

Y = 0.79300

F for (Qb-ac) = 0

THE CAPACITY OF MOVEMENT :

Q b-a = 473

Q b-c = 437

Q c-b = 653

Q b-ac = 473

TOTAL FLOW = 406 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a = 0.4207

DFC b-c = 0.0000

DFC c-b = 0.2802

DFC b-ac (share lane) = 0.4207

CRITICAL DFC

= 0.42

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS	DATE
J3 Lin Ma Hang Road		2026 Design AM		PREPARED BY:	Sep-26
				CHECKED BY:	Sep-26
				REVIEWED BY:	Sep-26

(Arm C)

Lin Ma Hang Road

[1] 13

[2] 174

→

→

(ARM A)

Lin Ma Hang Road

(to bus stop)

→

→

192

[3]

(ARM B)

Lin Ma Hang Road

NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH

W cr = CENTRAL RESERVE WIDTH

W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a

W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c

W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b

Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a

Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a

Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c

Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b

D = STREAM-SPECIFIC B-A

E = STREAM-SPECIFIC B-C

F = STREAM-SPECIFIC C-B

Y = (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W = 6.00 (metres)

W cr = 0 (metres)

q a-b = 0 (pcu/hr)

q a-c = 0 (pcu/hr)

MAJOR ROAD (ARM C)

W c-b = 2.50 (metres)

Vr c-b = 100 (metres)

q c-a = 13 (pcu/hr)

q c-b = 174 (pcu/hr)

MINOR ROAD (ARM B)

W b-a = 3.65 (metres)

W b-c = 0.00 (metres)

Vl b-a = 100 (metres)

Vr b-a = 0 (metres)

Vr b-c = 0 (metres)

q b-a = 192 (pcu/hr)

q b-c = 0 (pcu/hr)

THE CAPACITY OF MOVEMENT :

Q b-a = 478

Q b-c = 437

Q c-b = 653

Q b-ac = 478

TOTAL FLOW = 379 (PCU/HR)

GEOMETRIC FACTORS :

D = 0.86524

E = 0.58595

F = 0.87585

Y = 0.79300

F for (Qb-ac) = 0

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a = 0.4017

DFC b-c = 0.0000

DFC c-b = 0.2665

DFC b-ac (share lane) = 0.4017

CRITICAL DFC

= 0.40

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS	DATE
J3 Lin Ma Hang Road		2026 Design PM		PREPARED BY:	Sep-26
				CHECKED BY:	Sep-26
				REVIEWED BY:	Sep-26

(Arm C)

Lin Ma Hang Road

[1] 24

[2] 205

→

→

(ARM A)

Lin Ma Hang Road
(to bus stop)

→

(ARM B)

Lin Ma Hang Road

→

222

[3]

NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH

W cr = CENTRAL RESERVE WIDTH

W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a

W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c

W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b

Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a

Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a

Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c

Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b

D = STREAM-SPECIFIC B-A

E = STREAM-SPECIFIC B-C

F = STREAM-SPECIFIC C-B

Y = (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W = 6.00 (metres)

W cr = 0 (metres)

q a-b = 0 (pcu/hr)

q a-c = 0 (pcu/hr)

MAJOR ROAD (ARM C)

W c-b = 2.50 (metres)

Vr c-b = 100 (metres)

q c-a = 24 (pcu/hr)

q c-b = 205 (pcu/hr)

MINOR ROAD (ARM B)

W b-a = 3.65 (metres)

W b-c = 0.00 (metres)

Vl b-a = 100 (metres)

Vr b-a = 0 (metres)

Vr b-c = 0 (metres)

q b-a = 222 (pcu/hr)

q b-c = 0 (pcu/hr)

GEOMETRIC FACTORS :

D = 0.86524

E = 0.58595

F = 0.87585

Y = 0.79300

F for (Qb-ac) = 0

THE CAPACITY OF MOVEMENT :

Q b-a = 466

Q b-c = 437

Q c-b = 653

Q b-ac = 466

TOTAL FLOW = 451 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a = 0.4764

DFC b-c = 0.0000

DFC c-b = 0.3139

DFC b-ac (share lane) = 0.4764

CRITICAL DFC = 0.48

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J4 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2025 Existing AM

PROJECT NO.: 41077

FILENAME: J4 LM

REFERENCE NO.:

INITIALS

Sep-26

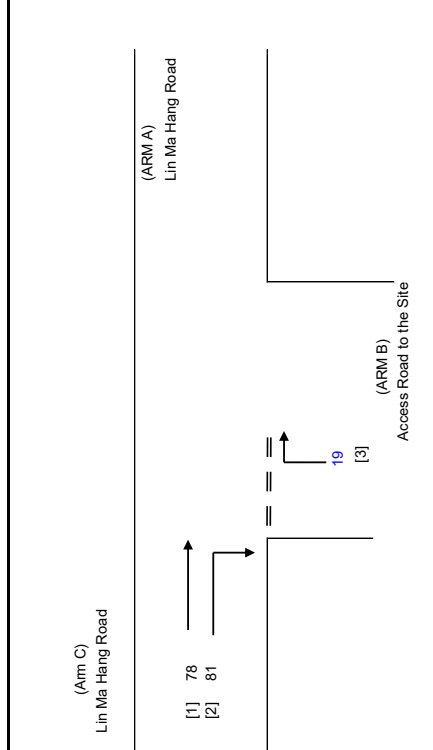
Sep-26

Sep-26

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W α	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
V b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V b-a	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
Vr b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
Vr c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	7.10	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

MAJOR ROAD (ARM C)

W c-b =	3.50	(metres)
Vr c-b =	60	(metres)
q c-a =	78	(pcu/hr)
q c-b =	81	(pcu/hr)

MINOR ROAD (ARM B)

W b-a =	2.70	(metres)
W b-c =	0.00	(metres)
V l b-a =	20	(metres)
V r b-a =	0	(metres)
V r b-c =	0	(metres)
q b-a =	19	(pcu/hr)
q b-c =	0	(pcu/hr)

D	=	0.74898
E	=	0.58595
F	=	0.93266
Y	=	0.75505

F for (Qb-ac) =

GEOMETRIC FACTORS :

THE CAPACITY OF MOVEMENT :

Q b-a =	436
Q b-c =	437
Q c-b =	695
Q b-ac =	436

$$Q_{b-c} = 437 \quad Q_{b-c}(O) = 432.2$$

TOTAL FLOW = 178 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a	=	0.0436
DFC b-c	=	0.0000
DFC c-b	=	0.1165
DFC b-ac (share lane)	=	0.0436

CRITICAL DFC = 0.12

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS	DATE
J4 Lin Ma Hang Road		2025 Existing PM		PREPARED BY:	Sep-26
				CHECKED BY:	Sep-26
				REVIEWED BY:	Sep-26

(Arm C)

Lin Ma Hang Road

[1] 139

[2] 86

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(ARM A)

Lin Ma Hang Road

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→

(ARM B)

Access Road to the Site

→

67

[3]

NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH

W cr = CENTRAL RESERVE WIDTH

W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a

W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c

W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b

Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a

Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a

Vl b-c = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-c

Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c

Vl c-b = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM c-b

Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b

D = STREAM-SPECIFIC B-A

E = STREAM-SPECIFIC B-C

F = STREAM-SPECIFIC C-B

Y = (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W = 7.10 (metres)

W cr = 0 (metres)

q a-b = 0 (pcu/hr)

q a-c = 0 (pcu/hr)

MAJOR ROAD (ARM C)

W c-b = 3.50 (metres)

Vr c-b = 60 (metres)

q c-a = 139 (pcu/hr)

q c-b = 86 (pcu/hr)

MINOR ROAD (ARM B)

W b-a = 2.70 (metres)

W b-c = 0.00 (metres)

Vl b-a = 20 (metres)

Vr b-a = 0 (metres)

Vr b-c = 0 (metres)

q b-a = 67 (pcu/hr)

q b-c = 0 (pcu/hr)

GEOMETRIC FACTORS :

D = 0.74898

E = 0.58595

F = 0.93286

Y = 0.75505

F for (Qb-ac) = 0

THE CAPACITY OF MOVEMENT :

Q b-a = 426

Q b-c = 437

Q c-b = 695

Q b-ac = 426

TOTAL FLOW = 292 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a = 0.1573

DFC b-c = 0.0000

DFC c-b = 0.1237

DFC b-ac (share lane) = 0.1573

CRITICAL DFC = 0.16

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS	DATE
J4 Lin Ma Hang Road		2025 Design AM		PREPARED BY:	Sep-26
				CHECKED BY:	Sep-26
				REVIEWED BY:	Sep-26

(Arm C)

Lin Ma Hang Road

[1] 78

[2] 95

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(ARM A)

Lin Ma Hang Road

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→

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33

[3]

(ARM B)

Access Road to the Site

NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH

W cr = CENTRAL RESERVE WIDTH

W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a

W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c

W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b

Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a

Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a

Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c

Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b

D = STREAM-SPECIFIC B-A

E = STREAM-SPECIFIC B-C

F = STREAM-SPECIFIC C-B

Y = (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W = 7.10 (metres)

W cr = 0 (metres)

q a-b = 0 (pcu/hr)

q a-c = 0 (pcu/hr)

MAJOR ROAD (ARM C)

W c-b = 3.50 (metres)

Vr c-b = 60 (metres)

q c-a = 78 (pcu/hr)

q c-b = 95 (pcu/hr)

MINOR ROAD (ARM B)

W b-a = 2.70 (metres)

W b-c = 0.00 (metres)

Vl b-a = 20 (metres)

Vr b-a = 0 (metres)

Vr b-c = 0 (metres)

q b-a = 33 (pcu/hr)

q b-c = 0 (pcu/hr)

GEOMETRIC FACTORS :

D = 0.74898

E = 0.58595

F = 0.93286

Y = 0.75505

F for (Qb-ac) = 0

THE CAPACITY OF MOVEMENT :

Q b-a = 432

Q b-c = 437

Q c-b = 695

Q b-ac = 432

TOTAL FLOW = 206 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a = 0.0764

DFC b-c = 0.0000

DFC c-b = 0.1367

DFC b-ac (share lane) = 0.0764

CRITICAL DFC

= 0.14

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 in D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J4 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2025 Design PM

PROJECT NO.: 41077

FILENAME: J4 LM

REFERENCE NO.:

DATE _____

SKL	Sep-26
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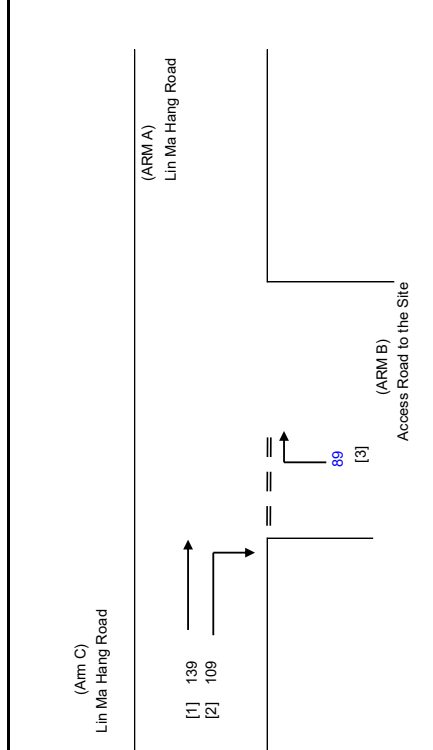
SLN
Sep-26SLN
Sep-26

DATE _____

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
W b-a	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
W b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
W c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	7.10	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

D	=	0.74898
E	=	0.58595
F	=	0.93266
Y	=	0.75505

MAJOR ROAD (ARM C)

W c-b =	3.50	(metres)
Vr c-b =	60	(metres)
q c-a =	139	(pcu/hr)
q c-b =	109	(pcu/hr)

F for (Qb-ac) =

MINOR ROAD (ARM B)

W	b-a =	2.70	(metres)
W	b-c =	0.00	(metres)
V	b-a =	20	(metres)
V	r-b-a =	0	(metres)
V	r-b-c =	0	(metres)
q	b-a =	89	(pou/hr)
q	b-c =	0	(pou/hr)

THE CAPACITY OF MOVEMENT :

Q b-a =	420
Q b-c =	437
Q c-b =	695
Q b-ac =	420

DFC b-a	=	0.2119
DFC b-c	=	0.0000
DFC c-b	=	0.1568
DFC b-ac (share lane)	=	0.2119

TOTAL FLOW = 337 (PCU/HR)

CRITICAL DFC = 0.21

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137) J4 Lin Ma Hang Road		PRIORITY JUNCTION CALCULATION 2026 Existing AM PROJECT NO.: 41077 FILENAME : J4_LMHR.xls REFERENCE NO.:		INITIALS DATE
		PREPARED BY: SKL	SEP-26	
		CHECKED BY: SLN	SEP-26	
		REVIEWED BY: SLN	SEP-26	

(Arm C)

Lin Ma Hang Road

[1] 153

[2] 38

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(ARM A)

Lin Ma Hang Road

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(ARM B)

Access Road to the Site

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NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH

W cr = CENTRAL RESERVE WIDTH

W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a

W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c

W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b

Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a

Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a

Vl b-c = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-c

Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c

Vl c-b = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM c-b

Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b

D = STREAM-SPECIFIC B-A

E = STREAM-SPECIFIC B-C

F = STREAM-SPECIFIC C-B

Y = (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W = 7.10 (metres)

W cr = 0 (metres)

q a-b = 0 (pcu/hr)

q a-c = 0 (pcu/hr)

MAJOR ROAD (ARM C)

W c-b = 3.50 (metres)

Vr c-b = 60 (metres)

q c-a = 153 (pcu/hr)

q c-b = 38 (pcu/hr)

MINOR ROAD (ARM B)

W b-a = 2.70 (metres)

W b-c = 0.00 (metres)

Vl b-a = 20 (metres)

Vr b-a = 0 (metres)

Vr b-c = 0 (metres)

q b-a = 43 (pcu/hr)

q b-c = 0 (pcu/hr)

GEOMETRIC FACTORS :

D = 0.74898

E = 0.58595

F = 0.93286

Y = 0.75505

F for (Qb-ac) = 0

THE CAPACITY OF MOVEMENT :

Q b-a = 439

Q b-c = 437

Q c-b = 695

Q b-ac = 439

TOTAL FLOW = 234 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a = 0.0979

DFC b-c = 0.0000

DFC c-b = 0.0547

DFC b-ac (share lane) = 0.0979

CRITICAL DFC

= 0.10

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J4 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2026 Existing PM

PROJECT NO.: 41077

FILENAME: J4 LM

REFERENCE NO.:

DATE _____
INITIALS _____

SKL Sep-26

SLN | Sep-26

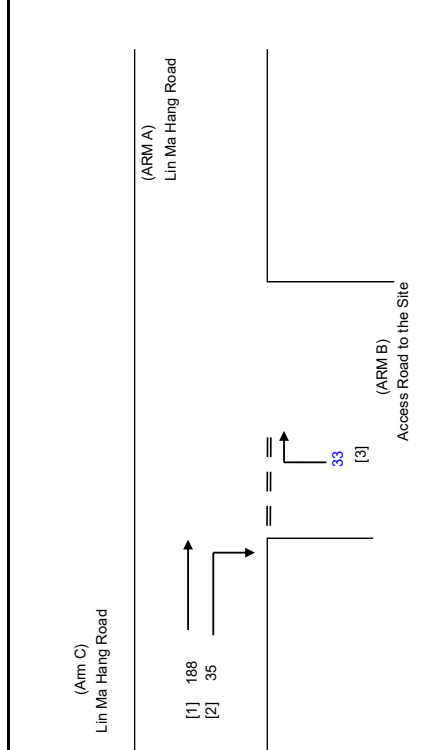
SLN | Sep-26

DATE _____

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W l-b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
Vr b-a	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
Vr b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
Vr c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	7.10	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

D	=	0.74898
E	=	0.58595
F	=	0.93266
Y	=	0.75505

MAJOR ROAD (ARM C)

W c-b =	3.50	(metres)
Vr c-b =	60	(metres)
q c-a =	188	(pcu/hr)
q c-b =	35	(pcu/hr)

$$F \text{ for } (Qb-ac) = 0$$

MINOR ROAD (ARM B)

W b-a =	2.70	(metres)
W b-c =	0.00	(metres)
Vl b-a =	20	(metres)
Vr b-a =	0	(metres)
Vr b-c =	0	(metres)
q b-a =	33	(pcu/hr)
q b-c =	0	(pcu/hr)

THE CAPACITY OF MOVEMENT :

Q b-a =	435
Q b-c =	437
Q c-b =	695
Q b-ac =	435

TOTAL FLOW = 256 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a	=	0.0759
DFC b-c	=	0.0000
DFC c-b	=	0.0504
DFC b-ac (share lane)	=	0.0759

CRITICAL DFC = 0.08

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J4 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2026 Design AM

PROJECT NO.: 41077

FILENAME: J4 LM

REFERENCE NO.:

DATE _____

INITIALS

Sep-26

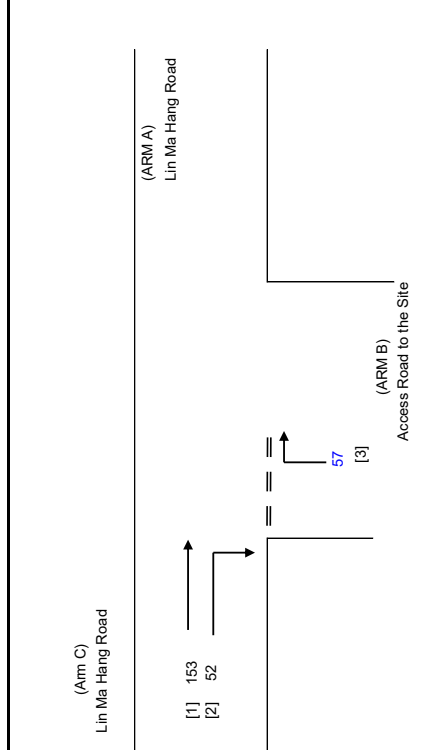
SKL

Sep-26

NTS

Sep-26

NTS



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W _{cr}	=	CENTRAL RESERVE WIDTH
W _{b-a}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W _{b-c}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W _{c-b}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
V _{b-a}	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V _{b-c}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
V _{c-b}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
D	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
E	=	STREAM-SPECIFIC B-A
F	=	STREAM-SPECIFIC B-C
Y	=	STREAM-SPECIFIC C-B (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	7.10	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

D	=	0.74898
E	=	0.58595
F	=	0.93266
Y	=	0.75505

MAJOR ROAD (ARM C)

W c-b =	3.50	(metres)
Vr c-b =	60	(metres)
q c-a =	153	(pcu/hr)
q c-b =	52	(pcu/hr)

F for (Qb-ac) = 0

MINOR ROAD (ARM B)

W b-a =	2.70	(metres)
W b-c =	0.00	(metres)
V l b-a =	20	(metres)
V r b-a =	0	(metres)
V r b-c =	0	(metres)
q b-a =	57	(pou/hr)
q b-c =	0	(pou/hr)

THE CAPACITY OF MOVEMENT :

Q b-a =	435
Q b-c =	437
Q c-b =	695
Q b-ac =	435

$$Q_{b-c} = 437 \quad Q_{b-c}(O) = 422.7$$

TOTAL FLOW = 262 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a	=	0.1310
DFC b-c	=	0.0000
DFC c-b	=	0.0748
DFC b-ac (share lane)	=	0.1310

CRITICAL DFC = 0.13

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J4 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2026 Design PM

PROJECT NO.: 41077

FILENAME: J4 LM

REFERENCE NO.:

DATE _____

INITIALS

Sep-26

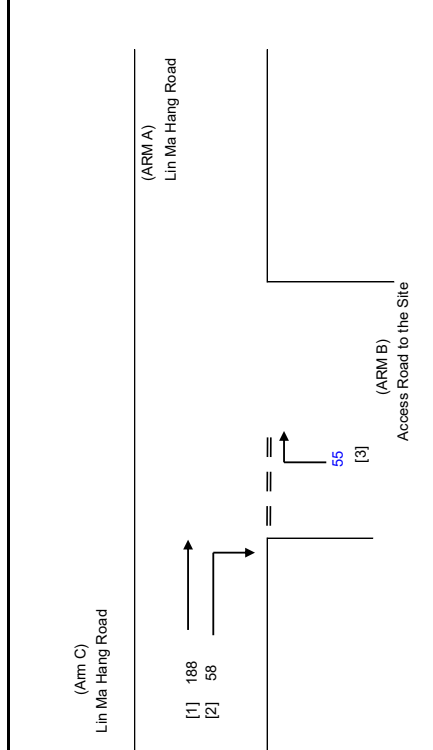
SKL

Sep-26

NTS

Sep-26

NTS



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
W b-a	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
W b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
W c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	7.10	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

MAJOR ROAD (ARM C)

W c-b =	3.50	(metres)
Vr c-b =	60	(metres)
q c-a =	188	(pcu/hr)
q c-b =	58	(pcu/hr)

MINOR ROAD (ARM B)

W b-a =	2.70	(metres)
W b-c =	0.00	(metres)
Vl b-a =	20	(metres)
Vr b-a =	0	(metres)
Vr b-c =	0	(metres)
q b-a =	55	(pcu/hr)
q b-c =	0	(pcu/hr)

GEOMETRIC FACTORS :

D	=	0.74898
E	=	0.58595
F	=	0.93266
Y	=	0.75505

F for (Qb-ac) =

THE CAPACITY OF MOVEMENT :

$Q_{b-a} =$	428	
$Q_{b-c} =$	437	$Q_{b-c(O)} = 423$
$Q_{c-b} =$	695	
$Q_{b-ac} =$	428	

TOTAL FLOW = 301 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a	=	0.1285
DFC b-c	=	0.0000
DFC c-b	=	0.0835
DFC b-ac (share lane)	=	0.1285

CRITICAL DFC = 0.13

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE	
J1 Lin Ma Hang Road		2025 Existing SUN-NN		PROJECT NO.: 41077		PREPARED BY: SKL	
				FILENAME : J1_LMHR.xls		CHECKED BY: SLN	
				REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 187 [2] 87 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)					
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 87 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 187 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 541 Q b-c = 420 Q c-b = 420 Q b-ac = 541 TOTAL FLOW = 274 (PCU/HR)		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.3457 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.3457		CRITICAL DFC = 0.35	

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J1 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2025 Existing SUN-PM

PROJECT NO.: 41077

FILENAME: J1 LM

REFERENCE NO.:

INITIALS	DATE
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SKL	Sep-26
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SLN Sep-26

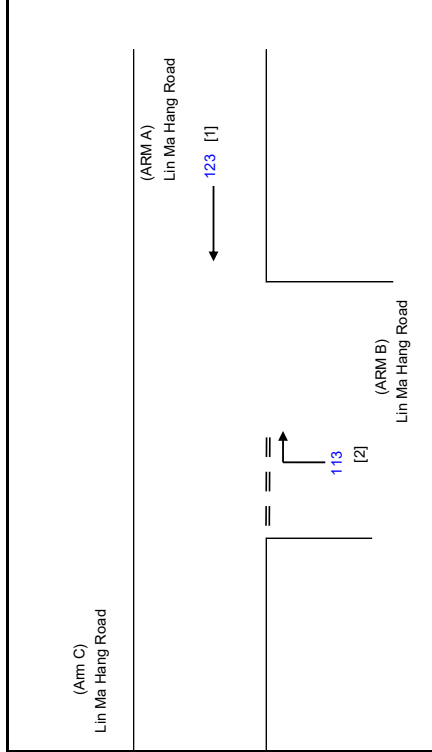
SLN | Sep-26

DATE _____

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W _{cr}	=	CENTRAL RESERVE WIDTH
W _{b-a}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W _{b-c}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W _{c-b}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
V _{b-a}	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V _{b-c}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
V _{b-c}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
V _{c-b}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	3.60	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	123	(pcu/hr)

MAJOR ROAD (ARM C)

W c-b =	0.00	(metres)
Vr c-b =	0	(metres)
q c-a =	0	(pcu/hr)
q c-b =	0	(pcu/hr)

MINOR ROAD (ARM B)

W b-a =	4.30	(metres)
W b-c =	0.00	(metres)
V l b-a =	0	(metres)
V r b-a =	47	(metres)
V r b-c =	0	(metres)
q b-a =	113	(pcu/hr)
q b-c =	0	(pcu/hr)

D	=	0.90216
E	=	0.58595
F	=	0.58595
Y	=	0.87580

F for (Qb-ac) =

GEOMETRIC FACTORS :

THE CAPACITY OF MOVEMENT :

Q b-a =	530
Q b-c =	414
Q c-b =	414
Q b-ac =	530

TOTAL FLOW = 236 (PCU/HR)

**COMPARISON OF DESIGN FLOW
TO CAPACITY:**

DFC b-a	=	0.2132
DFC b-c	=	0.0000
DFC c-b	=	0.0000
DFC b-ac (share lane)	=	0.2132

CRITICAL DFC = 0.21

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE	
J1 Lin Ma Hang Road		2025 Design SUN-NN		PROJECT NO.: 41077		PREPARED BY: SKL	
				FILENAME : J1_LMHR.xls		CHECKED BY: SLN	
				REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 187 [2] 87 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)					
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 87 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 187 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 541 Q b-c = 420 Q c-b = 420 Q b-ac = 541 TOTAL FLOW = 274 (PCU/HR)		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.3457 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.3457		CRITICAL DFC = 0.35	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION 2025 Design SUN-PM		INITIALS DATE	
J1 Lin Ma Hang Road		PROJECT NO.: 41077		PREPARED BY: SKL	
		FILENAME : J1_LMHR.xls		CHECKED BY: SLN	
		REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 113 [2] 123 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 123 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 113 (pcu/hr) q b-c = 0 (pcu/hr) GEOMETRIC FACTORS : D = 0.90216 E = 0.58595 F = 0.58595 Y = 0.87580 F for (Qb-ac) = 0 THE CAPACITY OF MOVEMENT : Q b-a = 530 Q b-c = 414 Q c-b = 414 Q b-ac = 530 TOTAL FLOW = 236 (PCU/HR) COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.2132 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.2132 CRITICAL DFC = 0.21					

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE			
J1 Lin Ma Hang Road		2026 Existing SUN-NN		PROJECT NO.: 41077		PREPARED BY: SKL			
				FILENAME : J1_LMHR.xls		CHECKED BY: SLN			
				REFERENCE NO.:		REVIEWED BY: SLN			
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 84 [2] 135 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)							
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 135 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 84 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 527 Q b-c = 411 Q c-b = 411 Q b-ac = 527 TOTAL FLOW = 219 (PCU/HR) COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.1594 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.1594						CRITICAL DFC = 0.16	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION 2026 Existing SUN-PM		INITIALS DATE	
J1 Lin Ma Hang Road		PROJECT NO.: 41077		PREPARED BY: SKL	
		FILENAME : J1_LMHR.xls		CHECKED BY: SLN	
		REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 131 [2] 83 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.60 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 83 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.30 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 47 (metres) Vr b-c = 0 (metres) q b-a = 131 (pcu/hr) q b-c = 0 (pcu/hr) THE CAPACITY OF MOVEMENT : Q b-a = 542 Q b-c = 421 Q c-b = 421 Q b-ac = 542 TOTAL FLOW = 214 (PCU/HR) GEOMETRIC FACTORS : D = 0.90216 E = 0.58595 F = 0.58595 Y = 0.87580 F for (Qb-ac) = 0 COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.2417 DFC b-c = 0.0000 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.2417 CRITICAL DFC = 0.24					

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE	
J1 Lin Ma Hang Road		2026 Design SUN-NN		PROJECT NO.: 41077		PREPARED BY: SKL	
				FILENAME : J1_LMHR.xls		CHECKED BY: SLN	
				REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 84 [2] 135 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)					

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J1 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2026 Design SUN-PM

PROJECT NO.: 41077

FILENAME: J1 LM

REFERENCE NO.:

INITIALS

DATE _____

SKL

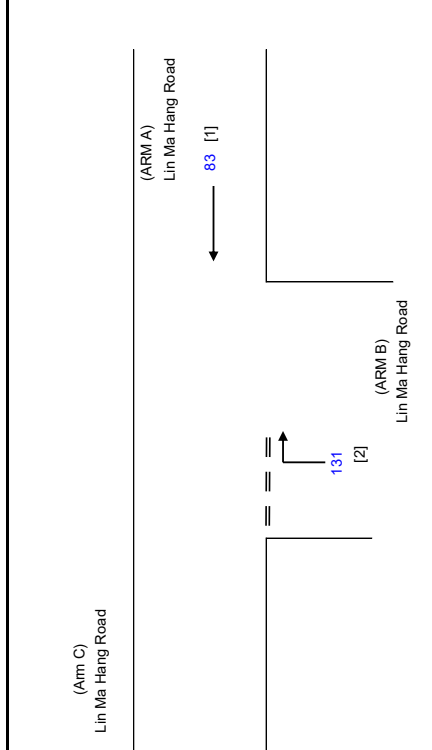
Sep-26

NTS

Sep-26

NTS

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
V l-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V l-b	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V l-c	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-c
V r-c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	3.60	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	83	(pcu/hr)

D	=	0.90216
E	=	0.58595
F	=	0.58595
Y	=	0.87580

MAJOR ROAD (ARM C)

W c-b =	0.00	(metres)
Vr c-b =	0	(metres)
q c-a =	0	(pcu/hr)
q c-b =	0	(pcu/hr)

F for (Qb-ac) = 0

MINOR ROAD (ARM B)

W b-a =	4.30	(metres)
W b-c =	0.00	(metres)
V l b-a =	0	(metres)
V r b-a =	47	(metres)
V r b-c =	0	(metres)
q b-a =	131	(pou/hr)
q b-c =	0	(pou/hr)

THE CAPACITY OF MOVEMENT :

$Q_{b-a} =$	542	
$Q_{b-c} =$	421	$Q_{b-c(O)} = 395.6$
$Q_{c-b} =$	421	
$Q_{b-ac} =$	542	

DFC b-a	=
DFC b-c	=
DFC c-b	=
DFC b-ac (share lane)	=

TOTAL FLOW = 214 (PCU/HR)

CRITICAL DFC = 0.24

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS	DATE
J2 Lin Ma Hang Road		2025 Existing SUN-NN		PROJECT NO.: 41077	PREPARED BY: SKL
				FILENAME : J2_LMHR.xls	CHECKED BY: SLN
				REFERENCE NO.:	REVIEWED BY: SLN
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 46 [2] 87 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 87 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 46 (pcu/hr) GEOMETRIC FACTORS : D = 0.86895 E = 0.60369 F = 0.58595 Y = 0.87925 F for (Qb-ac) = 1 THE CAPACITY OF MOVEMENT : Q b-a = 521 Q b-c = 433 Q c-b = 420 Q b-ac = 433 TOTAL FLOW = 133 (PCU/HR) COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.1062 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.1062 CRITICAL DFC = 0.11					

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE	
J2 Lin Ma Hang Road		2025 Existing SUN-PM		PROJECT NO.: 41077		PREPARED BY: SKL	
				FILENAME : J2_LMHR.xls		CHECKED BY: SLN	
				REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road 99 [2] 123 [1] (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)					
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 123 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 99 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 511 Q b-c = 426 Q c-b = 413 Q b-ac = 426 TOTAL FLOW = 222 (PCU/HR)				COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.2324 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.2324	
		CRITICAL DFC = 0.23					

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE	
J2 Lin Ma Hang Road		2025 Design SUN-NN		PROJECT NO.: 41077		PREPARED BY: SKL	
				FILENAME : J2_LMHR.xls		CHECKED BY: SLN	
				REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road 55 [2] 87 [1] (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)					
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 87 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 55 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 521 Q b-c = 433 Q c-b = 420 Q b-ac = 433 TOTAL FLOW = 142 (PCU/HR)		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.1270 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.1270		CRITICAL DFC = 0.13	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS		DATE			
J2 Lin Ma Hang Road		2025 Design SUN-PM		PROJECT NO.: 41077		PREPARED BY: SKL			
				FILENAME : J2_LMHR.xls		CHECKED BY: SLN			
				REFERENCE NO.:		REVIEWED BY: SLN			
(Arm C) Lin Ma Hang Road 114 [2] 123 [1] (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)							
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 123 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 114 (pcu/hr)		GEOMETRIC FACTORS : D = 0.86895 E = 0.60369 F = 0.58595 Y = 0.87925 F for (Qb-ac) = 1		THE CAPACITY OF MOVEMENT : Q b-a = 511 Q b-c = 426 Q c-b = 413 Q b-ac = 426 TOTAL FLOW = 237 (PCU/HR)		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.2676 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.2676		CRITICAL DFC = 0.27	

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 in D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J2 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2026 Existing SUN-NN

PROJECT NO.: 41077

FILENAME: J2 LM

REFERENCE NO.:

[illegible]

SKL Sep-26

SLN
Sep-26

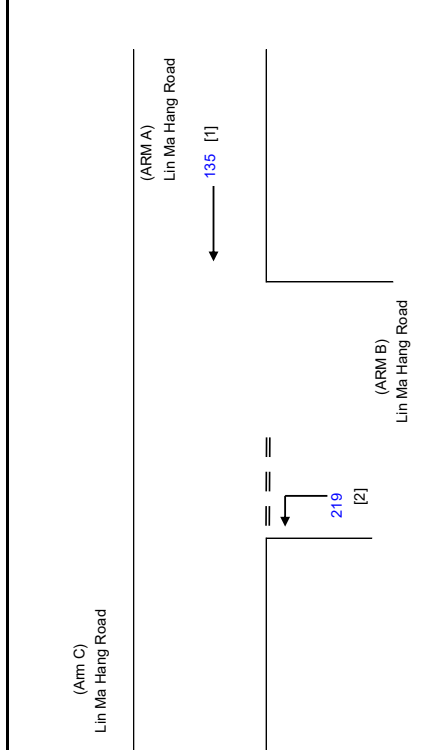
SLN | Sep-26

DATE _____

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
Vr b-a	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
Vr b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
Vr c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARMA)			
W	=	3.50	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	135	(pcu/hr)

MAJOR ROAD (ARM C)			
W c-b =	0.00	(metres)	
Vr c-b =	0	(metres)	
q c-a =	0	(pcu/hr)	
q c-b =	0	(pcu/hr)	

MINOR ROAD (ARM B)				
W b-a =	4.40	(metres)		
W b-c =	0.00	(metres)		
Vl b-a =	0	(metres)		
Vr b-a =	0	(metres)		
Vr b-c =	30	(metres)		
q b-a =	0	(pcu/hr)		
q b-c =	219	(pcu/hr)		

D	=	0.86895
E	=	0.60369
F	=	0.58595
Y	=	0.87925

$$F \text{ for } (Qb-ac) = 1$$

GEOMETRIC FACTORS :

Q b-a =	507
Q b-c =	424
Q c-b =	411
Q b-ac =	424
Q b-c(O) =	424

TOTAL FLOW	=	354	(PCU/HR)
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**COMPARISON OF DESIGN FLOW
TO CAPACITY:**

DFC b-a	=	0.0000
DFC b-c	=	0.5165
DFC c-b	=	0.0000
DFC, b-ac (share lane)	=	0.5165

CRITICAL DFC = 0.52

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J2 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2026 Existing SUN-PM

PROJECT NO.: 41077

FILENAME: J2 LV

REFERENCE NO.:

INITIALS	DATE
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SKL Sep-26

SLN Sep-26

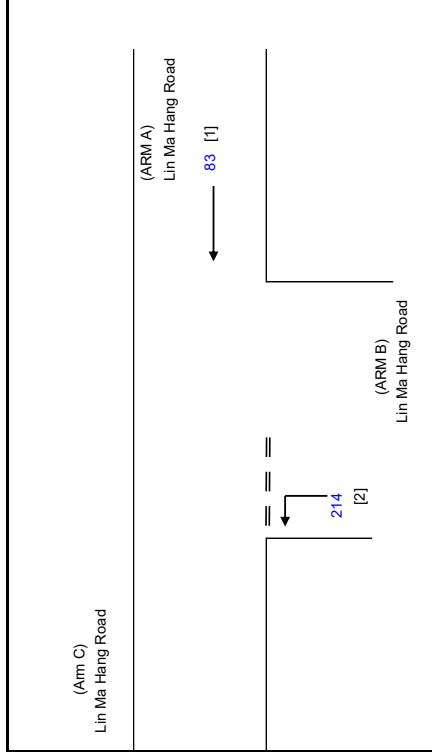
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Sep-26

DATE _____

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Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W α	=	CENTRAL RESERVE WIDTH
W β	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W β c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W γ	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
V β -a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V β -b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
V γ -b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
V γ -c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	3.50	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	83	(pcu/hr)

MAJOR ROAD (ARM C)

W c-b =	0.00	(metres)
Vr c-b =	0	(metres)
q c-a =	0	(pcu/hr)
q c-b =	0	(pcu/hr)

MINOR ROAD (ARM B)

W	b-a =	4.40	(metres)
W	b-c =	0.00	(metres)
V	b-a =	0	(metres)
V	b-a =	0	(metres)
V	b-c =	30	(metres)
q	b-a =	0	(pcu/hr)
q	b-c =	214	(pcu/hr)

GEOMETRIC FACTORS :

D	=	0.86895
E	=	0.60369
F	=	0.58595
Y	=	0.87925

$$F \text{ for } (Qb-ac) = 1$$

THE CAPACITY OF MOVEMENT :

Q b-a =	522	
Q b-c =	434	Q b-c (O) = 434
Q c-b =	421	
Q b-ac =	434	

TOTAL FLOW = 297 (PCU/HR)

**COMPARISON OF DESIGN FLOW
TO CAPACITY:**

DFC b-a	=	0.0000
DFC b-c	=	0.4931
DFC c-b	=	0.0000
DFC b-ac (share lane)	=	0.4931

CRITICAL DFC = 0.49

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS DATE	
J2 Lin Ma Hang Road		2026 Design SUN-NN		PROJECT NO.: 41077	
				PREPARED BY: SKL	
				FILENAME : J2_LMHR.xls	
				CHECKED BY: SLN	
				REVIEWED BY: SLN	
				Sep-26	
				Sep-26	
				Sep-26	
(Arm C) Lin Ma Hang Road (ARM A) Lin Ma Hang Road (ARM B) Lin Ma Hang Road 228 [2] 135 [1]		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 135 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 228 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 507 Q b-c = 424 Q c-b = 411 Q b-ac = 424 TOTAL FLOW = 363 (PCU/HR) COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.5377 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.5377 CRITICAL DFC = 0.54			

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS DATE		
J2 Lin Ma Hang Road		2026 Design SUN-PM		PREPARED BY: SKL SEP-26		
		PROJECT NO.: 41077		CHECKED BY: SLN SEP-26		
		FILENAME : J2_LMHR.xls		REVIEWED BY: SLN SEP-26		
(Arm C) Lin Ma Hang Road 229 [2] 83 [1] (Arm A) Lin Ma Hang Road (Arm B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)				
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 3.50 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 83 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 0.00 (metres) Vr c-b = 0 (metres) q c-a = 0 (pcu/hr) q c-b = 0 (pcu/hr) MINOR ROAD (ARM B) W b-a = 4.40 (metres) W b-c = 0.00 (metres) Vl b-a = 0 (metres) Vr b-a = 0 (metres) Vr b-c = 30 (metres) q b-a = 0 (pcu/hr) q b-c = 229 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 522 Q b-c = 434 Q c-b = 421 Q b-ac = 434 TOTAL FLOW = 312 (PCU/HR)				
GEOMETRIC FACTORS : D = 0.86895 E = 0.60369 F = 0.58595 Y = 0.87925 F for (Qb-ac) = 1				COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0000 DFC b-c = 0.5276 DFC c-b = 0.0000 DFC b-ac (share lane) = 0.5276		
CRITICAL DFC				= 0.53		

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J3 Lin Ma Hang Road

PRIORITY JUNCTION CALCULATION

2025 Design SUN-NN

PROJECT NO.: 41077

FILENAME: J3 LM

REFERENCE NO.:

DATE _____

SKL Sep-26

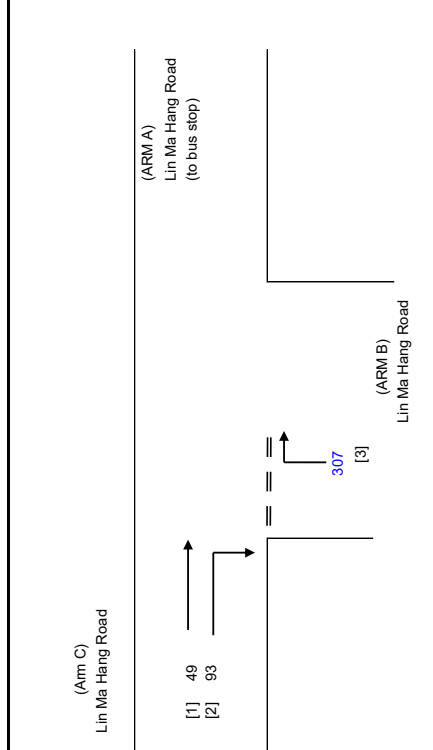
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DATE _____

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NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W _{cr}	=	CENTRAL RESERVE WIDTH
W _{b-a}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W _{b-c}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W _{c-b}	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
V _{b-a}	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V _{b-c}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
V _{c-b}	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
D	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
E	=	STREAM-SPECIFIC B-A
F	=	STREAM-SPECIFIC B-C
Y	=	STREAM-SPECIFIC C-B (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	6.00	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

MAJOR ROAD (ARM C)

W c-b =	2.50	(metres)
Vr c-b =	100	(metres)
q c-a =	49	(pcu/hr)
q c-b =	93	(pcu/hr)

MINOR ROAD (ARM B)

W b-a =	3.65	(metres)
W b-c =	0.00	(metres)
V l b-a =	100	(metres)
V r b-a =	0	(metres)
V r b-c =	0	(metres)
q b-a =	307	(pcu/hr)
q b-c =	0	(pcu/hr)

GEOMETRIC FACTORS :

D	=	0.86524
E	=	0.58595
F	=	0.87585
Y	=	0.79300

THE CAPACITY OF MOVEMENT :

Q b-a =	502	Q b-c (O) =	370.2
Q b-c =	437		
Q c-b =	653		
Q b-ac =	502		
TOTAL FLOW		=	449
			(PCU/HR)

**COMPARISON OF DESIGN FLOW
TO CAPACITY:**

DFC b-a	=	0.6116
DFC b-c	=	0.0000
DFC c-b	=	0.1424
DFC b-ac (share lane)	=	0.6116

CRITICAL DFC = 0.61

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS DATE		
J3 Lin Ma Hang Road		PROJECT NO.: 41077		PREPARED BY: SKL Sep-26		
		FILENAME : J3_LMHR.xls		CHECKED BY: SLN Sep-26		
		REFERENCE NO.:		REVIEWED BY: SLN Sep-26		
(Arm C) Lin Ma Hang Road [1] 66 [2] 171 (ARM A) Lin Ma Hang Road (to bus stop) 181 [3] (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)				
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 6.00 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 0 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 2.50 (metres) Vr c-b = 100 (metres) q c-a = 66 (pcu/hr) q c-b = 171 (pcu/hr) MINOR ROAD (ARM B) W b-a = 3.65 (metres) W b-c = 0.00 (metres) Vl b-a = 100 (metres) Vr b-a = 0 (metres) Vr b-c = 0 (metres) q b-a = 181 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 471 Q b-c = 437 Q c-b = 653 Q b-ac = 471 TOTAL FLOW = 418 (PCU/HR)				
GEOMETRIC FACTORS : D = 0.86524 E = 0.58595 F = 0.87585 Y = 0.79300 F for (Qb-ac) = 0		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.3843 DFC b-c = 0.0000 DFC c-b = 0.2619 DFC b-ac (share lane) = 0.3843 CRITICAL DFC = 0.38				

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137) J3 Lin Ma Hang Road		PRIORITY JUNCTION CALCULATION 2026 Existing SUN-PM PROJECT NO.: 41077 FILENAME : J3_LMHR.xls REFERENCE NO.:		INITIALS SKL SLN SLN	DATE Sep-26 Sep-26 Sep-26
(Arm C) Lin Ma Hang Road [1] 63 [2] 234 (ARM A) Lin Ma Hang Road (to bus stop) (ARM B) Lin Ma Hang Road		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 6.00 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 0 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 2.50 (metres) Vr c-b = 100 (metres) q c-a = 63 (pcu/hr) q c-b = 234 (pcu/hr) MINOR ROAD (ARM B) W b-a = 3.65 (metres) W b-c = 0.00 (metres) Vl b-a = 100 (metres) Vr b-a = 0 (metres) Vr b-c = 0 (metres) q b-a = 135 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 449 Q b-c = 437 Q c-b = 653 Q b-ac = 449 TOTAL FLOW = 432 (PCU/HR)			
GEOMETRIC FACTORS : D = 0.86524 E = 0.58595 F = 0.87585 Y = 0.79300 F for (Qb-ac) = 0		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.3007 DFC b-c = 0.0000 DFC c-b = 0.3583 DFC b-ac (share lane) = 0.3007 CRITICAL DFC = 0.36			

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS DATE	
J3 Lin Ma Hang Road		2026 Design SUN-NN		PROJECT NO.: 41077	
				PREPARED BY: SKL	
				FILENAME : J3_LMHR.xls	
				CHECKED BY: SLN	
				REVIEWED BY: SLN	
				Sep-26	
				Sep-26	
				Sep-26	
(Arm C) Lin Ma Hang Road [1] 29 [2] 334 (ARM A) Lin Ma Hang Road (to bus stop)		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
(ARM B) Lin Ma Hang Road 258 [3]		THE CAPACITY OF MOVEMENT : Q b-a = 419 Q b-c = 437 Q c-b = 653 Q b-ac = 419 TOTAL FLOW = 621 (PCU/HR)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 6.00 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 0 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 2.50 (metres) Vr c-b = 100 (metres) q c-a = 29 (pcu/hr) q c-b = 334 (pcu/hr) MINOR ROAD (ARM B) W b-a = 3.65 (metres) W b-c = 0.00 (metres) Vl b-a = 100 (metres) Vr b-a = 0 (metres) Vr b-c = 0 (metres) q b-a = 258 (pcu/hr) q b-c = 0 (pcu/hr)		GEOMETRIC FACTORS : D = 0.86524 E = 0.58595 F = 0.87585 Y = 0.79300 F for (Qb-ac) = 0			
		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.6158 DFC b-c = 0.0000 DFC c-b = 0.5115 DFC b-ac (share lane) = 0.6158			
		CRITICAL DFC = 0.62			

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: A/NE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS	DATE
J3 Lin Ma Hang Road		2026 Design SUN-PM		PREPARED BY:	Sep-26
				CHECKED BY:	Sep-26
				REVIEWED BY:	Sep-26

(Arm C)

Lin Ma Hang Road

[1] 63

[2] 249

→

→

(ARM A)

Lin Ma Hang Road
(to bus stop)

→

(ARM B)

Lin Ma Hang Road

→

152

[3]

NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH

W cr = CENTRAL RESERVE WIDTH

W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a

W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c

W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b

Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a

Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a

Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c

Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b

D = STREAM-SPECIFIC B-A

E = STREAM-SPECIFIC B-C

F = STREAM-SPECIFIC C-B

Y = (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W = 6.00 (metres)

W cr = 0 (metres)

q a-b = 0 (pcu/hr)

q a-c = 0 (pcu/hr)

MAJOR ROAD (ARM C)

W c-b = 2.50 (metres)

Vr c-b = 100 (metres)

q c-a = 63 (pcu/hr)

q c-b = 249 (pcu/hr)

MINOR ROAD (ARM B)

W b-a = 3.65 (metres)

W b-c = 0.00 (metres)

Vl b-a = 100 (metres)

Vr b-a = 0 (metres)

Vr b-c = 0 (metres)

q b-a = 152 (pcu/hr)

q b-c = 0 (pcu/hr)

GEOMETRIC FACTORS :

D = 0.86524

E = 0.58595

F = 0.87585

Y = 0.79300

F for (Qb-ac) = 0

THE CAPACITY OF MOVEMENT :

Q b-a = 444

Q b-c = 437

Q c-b = 653

Q b-ac = 444

TOTAL FLOW = 464 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a = 0.3423

DFC b-c = 0.0000

DFC c-b = 0.3813

DFC b-ac (share lane) = 0.3423

CRITICAL DFC = 0.38

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 in D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J4 Lin Ma Hang Road / Access Road to the Site

PRIORITY JUNCTION CALCULATION

2025 Existing SUN-NN

PROJECT NO.: 41077

FILENAME: J4_LM

REFERENCE NO.:

INITIALS

DATE _____

Sep-26

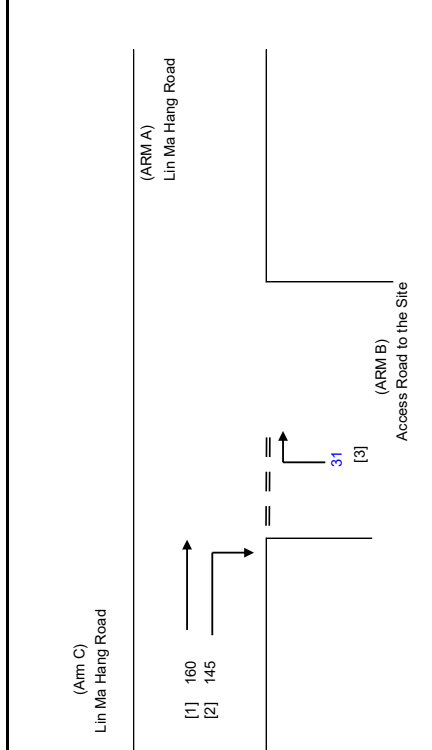
Sep-26

Sep-26

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
Vr b-a	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
Vr b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
Vr c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	7.10	(metres)
W_{cr}	=	0	(metres)
q_{a-b}	=	0	(pcu/hr)
q_{a-c}	=	0	(pcu/hr)

D	=	0.74898
E	=	0.58595
F	=	0.93266
Y	=	0.75505

MAJOR ROAD (ARM C)

W_{c-b}	=	3.50	(metres)
Vr_{c-b}	=	60	(metres)
q_{c-a}	=	160	(pcu/hr)
q_{c-b}	=	145	(pcu/hr)

F for (Qb-ac) = 0

MINOR ROAD (ARM B)

W b-a =	2.70	(metres)
W b-c =	0.00	(metres)
V l b-a =	20	(metres)
V r b-a =	0	(metres)
V r b-c =	0	(metres)
q b-a =	31	(pcu/hr)
q b-c =	0	(pcu/hr)

THE CAPACITY OF MOVEMENT :

Q b-a =	406
Q b-c =	437
Q c-b =	695
Q b-ac =	406

DFC b-c	=	0.0000
DFC c-b	=	0.2086
DFC b-ac (share lane)	=	0.0764

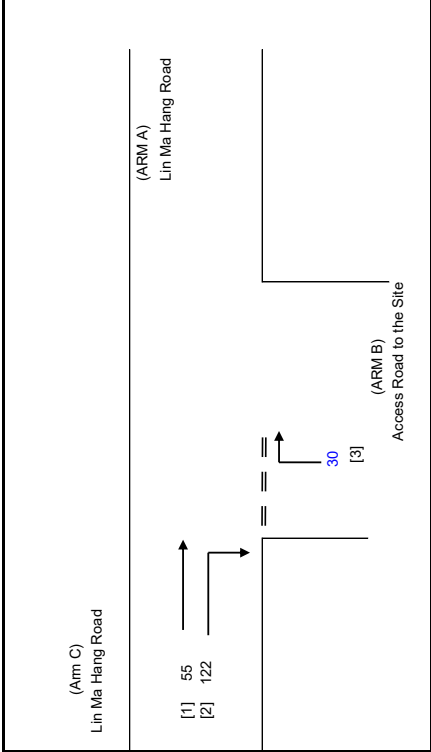
(PCU/HR)

TOTAL FLOW = 336

**COMPARISON OF DESIGN FLOW
TO CAPACITY:**

CRITICAL DFC = 0.21

LLA CONSULTANCY LIMITED		PRIORITY JUNCTION CALCULATION			INITIALS	DATE
Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)		2025 Existing SUN-PM		PROJECT NO.: 41077	PREPARED BY: SKL	Sep-26
				FILENAME : J4_LMHR.xls	CHECKED BY: SLN	Sep-26
				REFERENCE NO.:	REVIEWED BY: SLN	Sep-26
J4 Lin Ma Hang Road / Access Road to the Site						



NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH
W cr = CENTRAL RESERVE WIDTH
W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D = STREAM-SPECIFIC B-A
E = STREAM-SPECIFIC B-C
F = STREAM-SPECIFIC C-B
Y = (1-0.0345W)

GEOMETRIC DETAILS:		GEOMETRIC FACTORS :		THE CAPACITY OF MOVEMENT :		COMPARISON OF DESIGN FLOW TO CAPACITY:	
MAJOR ROAD (ARM A)							
W	= 7.10 (metres)	D	= 0.74898	Q b-a	= 427	DFC b-a	= 0.0703
W cr	= 0 (metres)	E	= 0.58595	Q b-c	= 437	DFC b-c	= 0.0000
q a-b	= 0 (pcu/hr)	F	= 0.93286	Q c-b	= 695	DFC c-b	= 0.1755
q a-c	= 0 (pcu/hr)	Y	= 0.75505	Q b-ac	= 427	DFC b-ac (share lane)	= 0.0703
MAJOR ROAD (ARM C)		F for (Qb-ac) = 0		TOTAL FLOW = 207 (PCU/HR)			
W	c-b = 3.50 (metres)						
Vr	c-b = 60 (metres)						
q	c-a = 55 (pcu/hr)						
q	c-b = 122 (pcu/hr)						
MINOR ROAD (ARM B)							
W	b-a = 2.70 (metres)						
W	b-c = 0.00 (metres)						
Vl	b-a = 20 (metres)						
Vr	b-a = 0 (metres)						
Vr	b-c = 0 (metres)						
q	b-a = 30 (pcu/hr)						
q	b-c = 0 (pcu/hr)						
						CRITICAL DFC = 0.18	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137) J4 Lin Ma Hang Road / Access Road to the Site		PRIORITY JUNCTION CALCULATION 2025 Design SUN-NN		INITIALS DATE
		PROJECT NO.: 41077	PREPARED BY:	SKL Sep-26
		FILENAME : J4_LMHR.xls	CHECKED BY:	SLN Sep-26
		REFERENCE NO.:	REVIEWED BY:	SLN Sep-26

(Arm C)

Lin Ma Hang Road

[1] 160

[2] 154

→

→

(ARM A)

Lin Ma Hang Road

→

→

→

→

→

→

→

(ARM B)

Access Road to the Site

→

→

40

[3]

NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH

W cr = CENTRAL RESERVE WIDTH

W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a

W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c

W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b

Vi b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a

Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a

Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c

Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b

D = STREAM-SPECIFIC B-A

E = STREAM-SPECIFIC B-C

F = STREAM-SPECIFIC C-B

Y = (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W = 7.10 (metres)

W cr = 0 (metres)

q a-b = 0 (pcu/hr)

q a-c = 0 (pcu/hr)

MAJOR ROAD (ARM C)

W c-b = 3.50 (metres)

Vr c-b = 60 (metres)

q c-a = 160 (pcu/hr)

q c-b = 154 (pcu/hr)

MINOR ROAD (ARM B)

W b-a = 2.70 (metres)

W b-c = 0.00 (metres)

Vi b-a = 20 (metres)

Vr b-a = 0 (metres)

Vr b-c = 0 (metres)

q b-a = 40 (pcu/hr)

q b-c = 0 (pcu/hr)

GEOMETRIC FACTORS :

D = 0.74898

E = 0.58595

F = 0.93286

Y = 0.75505

F for (Qb-ac) = 0

THE CAPACITY OF MOVEMENT :

Q b-a = 404

Q b-c = 437

Q c-b = 695

Q b-ac = 404

TOTAL FLOW = 354 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a = 0.0990

DFC b-c = 0.0000

DFC c-b = 0.2216

DFC b-ac (share lane) = 0.0990

CRITICAL DFC = 0.22

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)		PRIORITY JUNCTION CALCULATION 2025 Design SUN-PM		INITIALS DATE	
J4 Lin Ma Hang Road / Access Road to the Site		PROJECT NO.: 41077		PREPARED BY: SKL	
		FILENAME : J4_LMHR.xls		CHECKED BY: SLN	
		REFERENCE NO.:		REVIEWED BY: SLN	
(Arm C) Lin Ma Hang Road [1] 55 [2] 139 (ARM A) Lin Ma Hang Road [3] 45 [3] (ARM B) Access Road to the Site		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vi b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)			
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 7.10 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 0 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 3.50 (metres) Vr c-b = 60 (metres) q c-a = 55 (pcu/hr) q c-b = 139 (pcu/hr) MINOR ROAD (ARM B) W b-a = 2.70 (metres) W b-c = 0.00 (metres) Vi b-a = 20 (metres) Vr b-a = 0 (metres) Vr b-c = 0 (metres) q b-a = 45 (pcu/hr) q b-c = 0 (pcu/hr)		THE CAPACITY OF MOVEMENT : Q b-a = 422 Q b-c = 437 Q c-b = 695 Q b-ac = 422 TOTAL FLOW = 239 (PCU/HR) GEOMETRIC FACTORS : D = 0.74898 E = 0.58595 F = 0.93286 Y = 0.75505 F for (Qb-ac) = 0 COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.1066 DFC b-c = 0.0000 DFC c-b = 0.2000 DFC b-ac (share lane) = 0.1066 CRITICAL DFC = 0.20			

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J4 Lin Ma Hang Road / Access Road to the Site

PRIORITY JUNCTION CALCULATION

2026 Existing SUN-NN

PROJECT NO.: 41077

FILENAME: J4_LM

REFERENCE NO.:

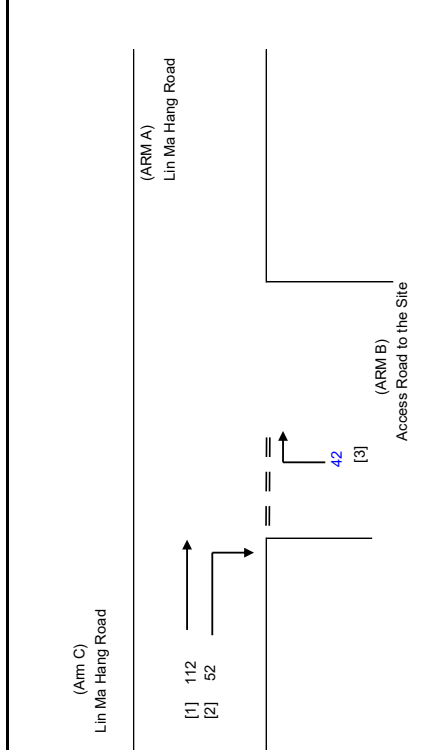
INITIALS

DATE _____

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
V l-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V l-b	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
V l-c	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-c
V r-c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	7.10	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

D	=	0.74898
E	=	0.58595
F	=	0.93266
Y	=	0.75505

MAJOR ROAD (ARM C)

W c-b =	3.50	(metres)
Vr c-b =	60	(metres)
q c-a =	112	(pcu/hr)
q c-b =	52	(pcu/hr)

F for (Qb-ac) = 0

MINOR ROAD (ARM B)

W b-a =	2.70	(metres)
W b-c =	0.00	(metres)
V l b-a =	20	(metres)
V r b-a =	0	(metres)
V r b-c =	0	(metres)
q b-a =	42	(pcu/hr)
q b-c =	0	(pcu/hr)

THE CAPACITY OF MOVEMENT :

Q b-a =	440
Q b-c =	437
Q c-b =	695
Q b-ac =	440

DFC b-a	=	0.0955
DFC b-c	=	0.0000
DFC c-b	=	0.0748
DFC b-ac (share lane)	=	0.0955

TOTAL FLOW = 206 (PCU/HR)

CRITICAL DFC = 0.10

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)		PRIORITY JUNCTION CALCULATION 2026 Existing SUN-PM		INITIALS DATE			
J4 Lin Ma Hang Road / Access Road to the Site		PROJECT NO.: 41077		PREPARED BY: SKL			
		FILENAME : J4_LMHR.xls		CHECKED BY: SLN			
		REFERENCE NO.:		REVIEWED BY: SLN			
(Arm C) Lin Ma Hang Road [1] 99 [2] 47 (Arm A) Lin Ma Hang Road [3] 26 [3] Access Road to the Site (Arm B)		NOTES : (GEOMETRIC INPUT DATA) W = MAJOR ROAD WIDTH W cr = CENTRAL RESERVE WIDTH W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b Vl b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b D = STREAM-SPECIFIC B-A E = STREAM-SPECIFIC B-C F = STREAM-SPECIFIC C-B Y = (1-0.0345W)					
GEOMETRIC DETAILS: MAJOR ROAD (ARM A) W = 7.10 (metres) W cr = 0 (metres) q a-b = 0 (pcu/hr) q a-c = 0 (pcu/hr) MAJOR ROAD (ARM C) W c-b = 3.50 (metres) Vr c-b = 60 (metres) q c-a = 99 (pcu/hr) q c-b = 47 (pcu/hr) MINOR ROAD (ARM B) W b-a = 2.70 (metres) W b-c = 0.00 (metres) Vl b-a = 20 (metres) Vr b-a = 0 (metres) Vr b-c = 0 (metres) q b-a = 26 (pcu/hr) q b-c = 0 (pcu/hr)		GEOMETRIC FACTORS : D = 0.74898 E = 0.58595 F = 0.93286 Y = 0.75505 F for (Qb-ac) = 0		THE CAPACITY OF MOVEMENT : Q b-a = 443 Q b-c = 437 Q c-b = 695 Q b-ac = 443 TOTAL FLOW = 172 (PCU/HR)		COMPARISON OF DESIGN FLOW TO CAPACITY: DFC b-a = 0.0587 DFC b-c = 0.0000 DFC c-b = 0.0676 DFC b-ac (share lane) = 0.0587 CRITICAL DFC = 0.07	

LLA CONSULTANCY LIMITED Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)		PRIORITY JUNCTION CALCULATION		INITIALS DATE	
J4 Lin Ma Hang Road / Access Road to the Site		2026 Design SUN-NN		PROJECT NO.: 41077	
				PREPARED BY: SKL	
				FILENAME : J4_LMHR.xls	
				CHECKED BY: SLN	
				REVIEWED BY: SLN	
				Sep-26	
				Sep-26	
				Sep-26	

(Arm C)

Lin Ma Hang Road

[1] 112

[2] 61

→

→

(ARM A)

Lin Ma Hang Road

→

→

→

51

[3]

(ARM B)

Access Road to the Site

NOTES : (GEOMETRIC INPUT DATA)

W = MAJOR ROAD WIDTH

W cr = CENTRAL RESERVE WIDTH

W b-a = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a

W b-c = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c

W c-b = LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b

Vi b-a = VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a

Vr b-a = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a

Vr b-c = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c

Vr c-b = VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b

D = STREAM-SPECIFIC B-A

E = STREAM-SPECIFIC B-C

F = STREAM-SPECIFIC C-B

Y = (1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W = 7.10 (metres)

W cr = 0 (metres)

q a-b = 0 (pcu/hr)

q a-c = 0 (pcu/hr)

MAJOR ROAD (ARM C)

W c-b = 3.50 (metres)

Vr c-b = 60 (metres)

q c-a = 112 (pcu/hr)

q c-b = 61 (pcu/hr)

MINOR ROAD (ARM B)

W b-a = 2.70 (metres)

W b-c = 0.00 (metres)

Vi b-a = 20 (metres)

Vr b-a = 0 (metres)

Vr b-c = 0 (metres)

q b-a = 51 (pcu/hr)

q b-c = 0 (pcu/hr)

GEOMETRIC FACTORS :

D = 0.74898

E = 0.58595

F = 0.93286

Y = 0.75505

F for (Qb-ac) = 0

THE CAPACITY OF MOVEMENT :

Q b-a = 437

Q b-c = 437

Q c-b = 695

Q b-ac = 437

TOTAL FLOW = 224 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

DFC b-a = 0.1167

DFC b-c = 0.0000

DFC c-b = 0.0878

DFC b-ac (share lane) = 0.1167

CRITICAL DFC

= 0.12

LLA CONSULTANCY LIMITED

Proposed Temporary Public Vehicle Park (Excluding Container Vehicle), Eating Place and Shop and Services (Local Provision Store with Ancillary Office and Store Room) for A Period of 3 Years at lot 356 In D.D. 78, Tsung Yuen Ha, Ta Kwu Ling North (Application No.: ANE-TKLN/137)

J4 Lin Ma Hang Road / Access Road to the Site

PRIORITY JUNCTION CALCULATION

2026 Design SUN-PM

PROJECT NO.: 41077

FILENAME: J4 LM

REFERENCE NO.:

INITIALS

DATE _____

Sep-26

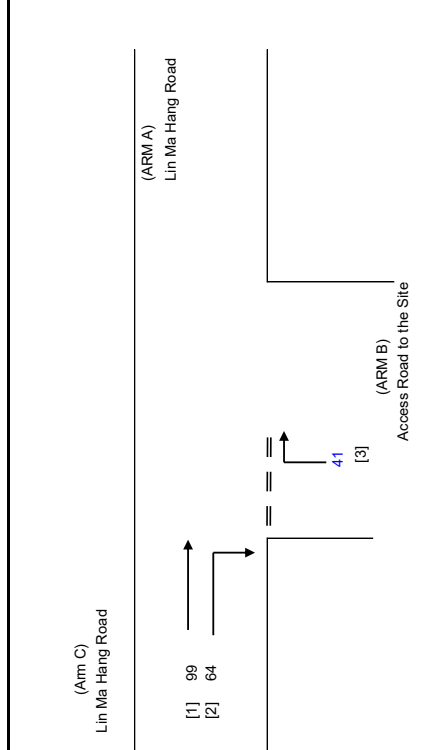
Sep-26

Sep-26

Sep-26

Sep-26

Sep-26



NOTES: (GEOMETRIC INPUT DATA)

W	=	MAJOR ROAD WIDTH
W cr	=	CENTRAL RESERVE WIDTH
W b-a	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-a
W b-c	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM b-c
W c-b	=	LANE WIDTH AVAILABLE TO VEHICLE WAITING IN STREAM c-b
W b-a	=	VISIBILITY TO THE LEFT FOR VEHICLES WAITING IN STREAM b-a
W b-a	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-a
W b-c	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM b-c
W c-b	=	VISIBILITY TO THE RIGHT FOR VEHICLES WAITING IN STREAM c-b
D	=	STREAM-SPECIFIC B-A
E	=	STREAM-SPECIFIC B-C
F	=	STREAM-SPECIFIC C-B
Y	=	(1-0.0345W)

GEOMETRIC DETAILS:

MAJOR ROAD (ARM A)

W	=	7.10	(metres)
W cr	=	0	(metres)
q a-b	=	0	(pcu/hr)
q a-c	=	0	(pcu/hr)

D	=	0.74898
E	=	0.58595
F	=	0.93266
Y	=	0.75505

MAJOR ROAD (ARM C)

W c-b =	3.50	(metres)
Vr c-b =	60	(metres)
q c-a =	99	(pcu/hr)
q c-b =	64	(pcu/hr)

F for (Qb-ac) = 0

MINOR ROAD (ARM B)

W b-a =	2.70	(metres)
W b-c =	0.00	(metres)
V l b-a =	20	(metres)
V r b-a =	0	(metres)
V r b-c =	0	(metres)
q b-a =	41	(pcu/hr)
q b-c =	0	(pcu/hr)

THE CAPACITY OF MOVEMENT :

Q b-a =	438
Q b-c =	437
Q c-b =	695
Q b-ac =	438

DFC b-a	=	0.0936
DFC b-c	=	0.0000
DFC c-b	=	0.0921
DFC b-ac (share lane)	=	0.0936

TOTAL FLOW = 204 (PCU/HR)

COMPARISON OF DESIGN FLOW TO CAPACITY:

CRITICAL DFC = 0.09