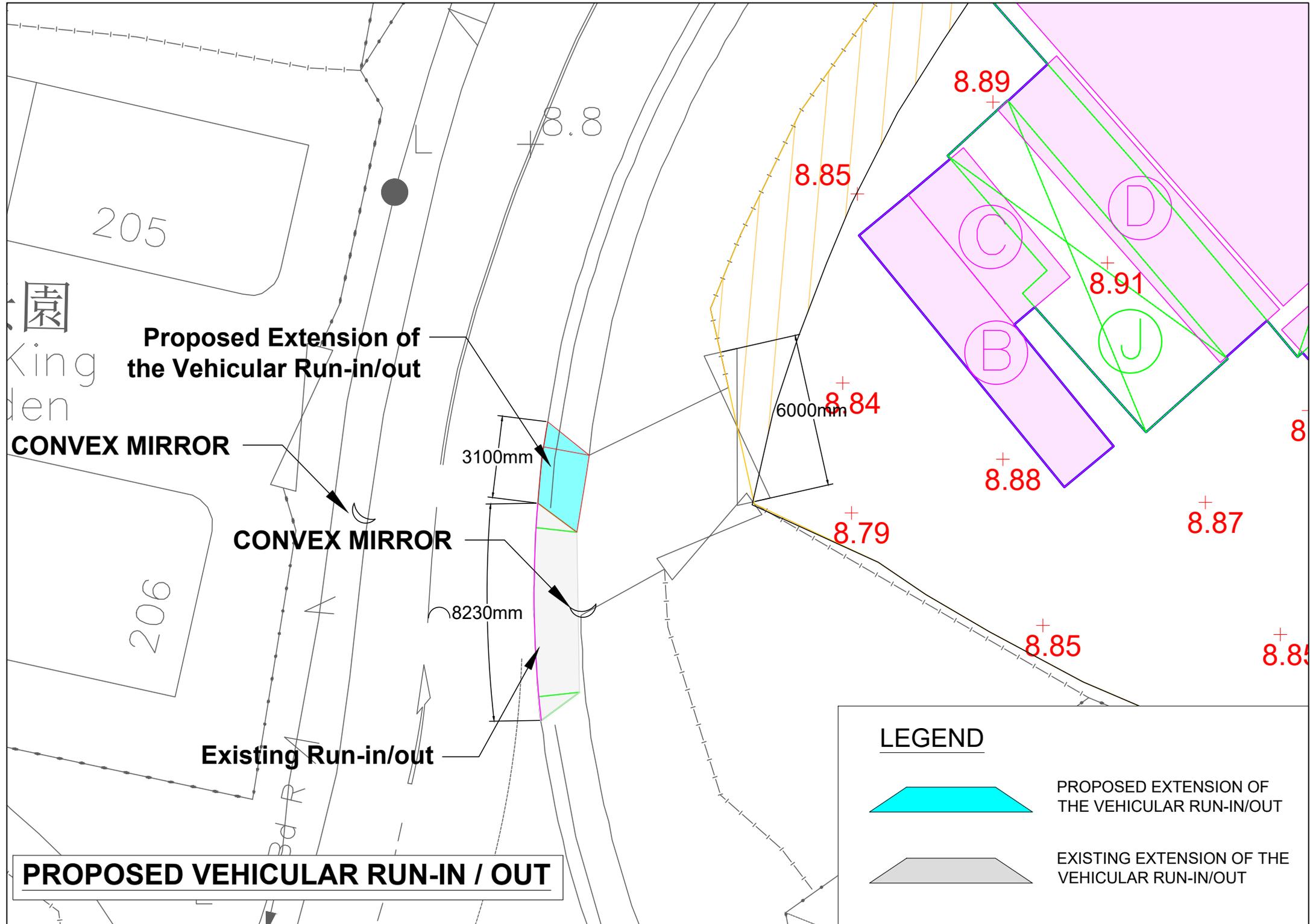


Annex 1

Proposed Vehicular Run-in/Out with Swept Path Assessment



Proposed Extension of the Vehicular Run-in/out

CONVEX MIRROR

CONVEX MIRROR

Existing Run-in/out

PROPOSED VEHICULAR RUN-IN / OUT

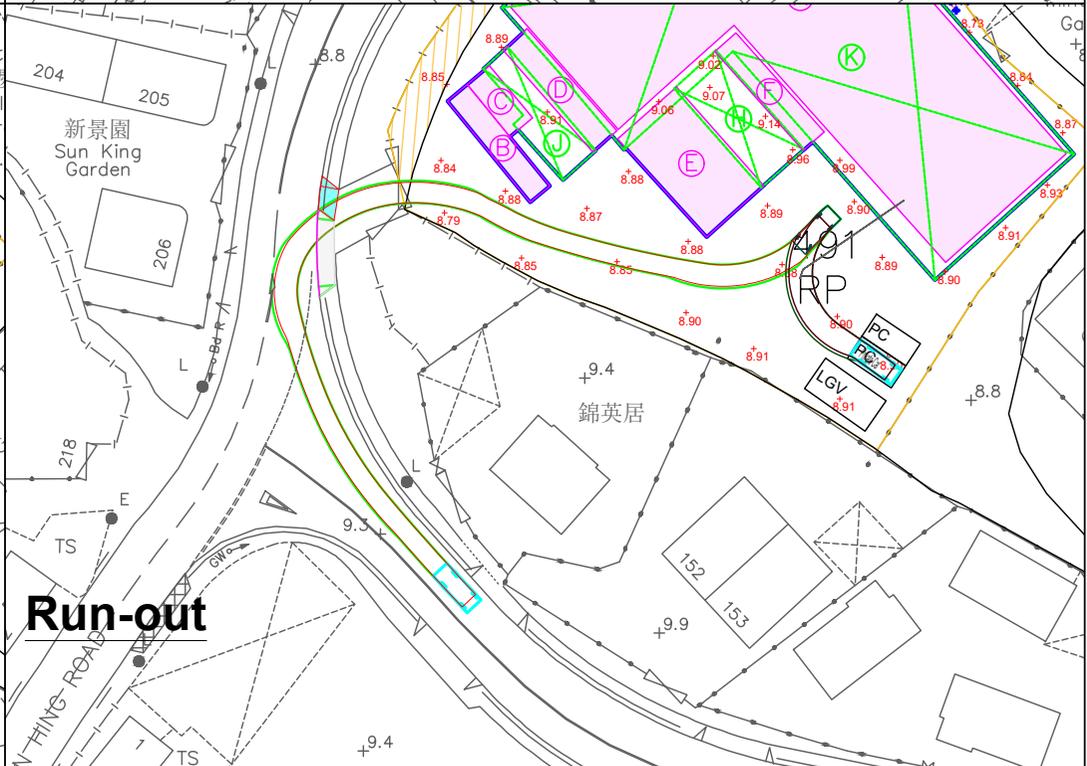
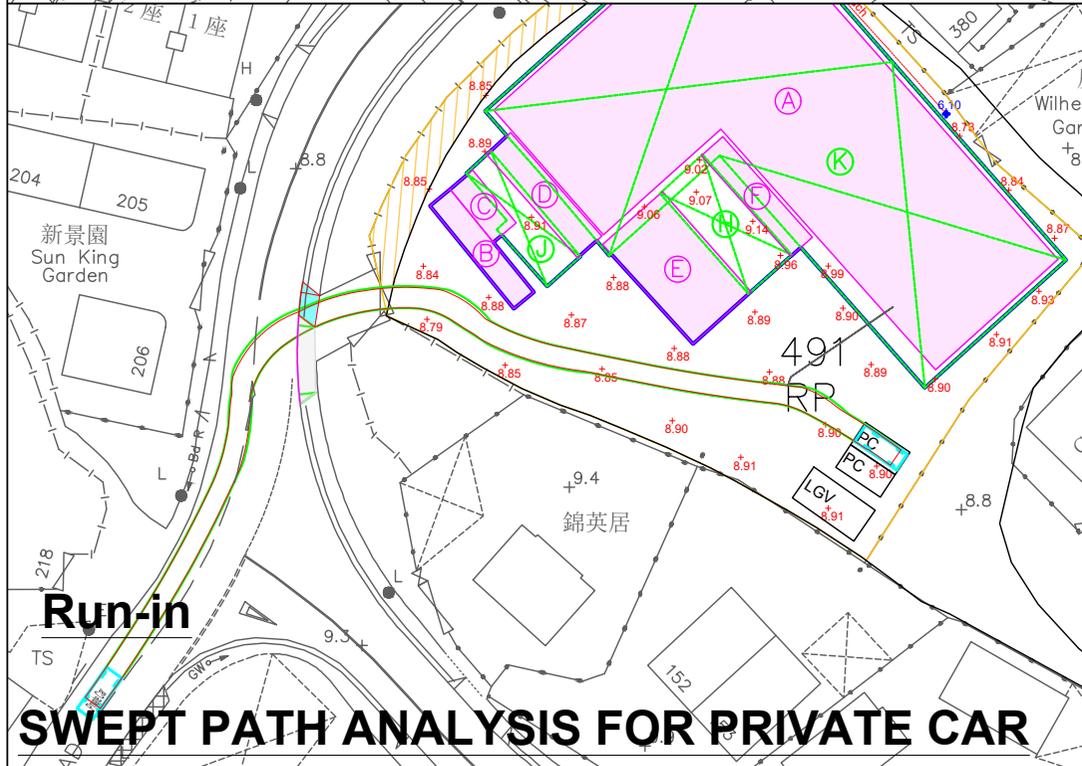
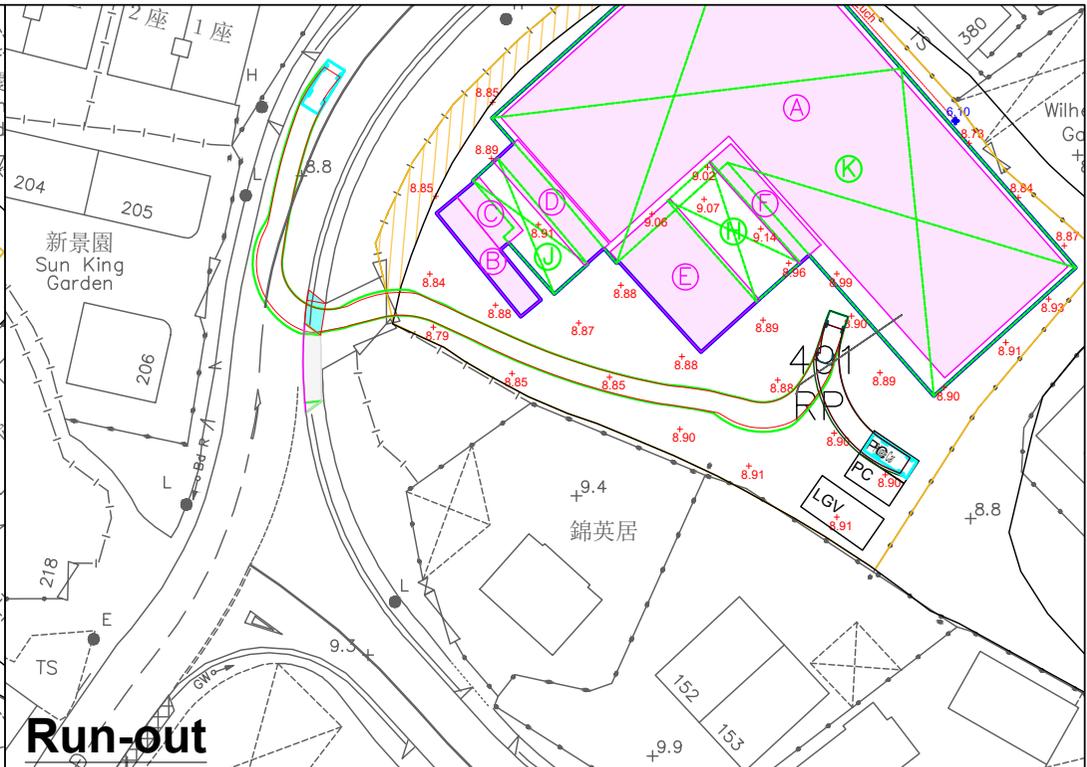
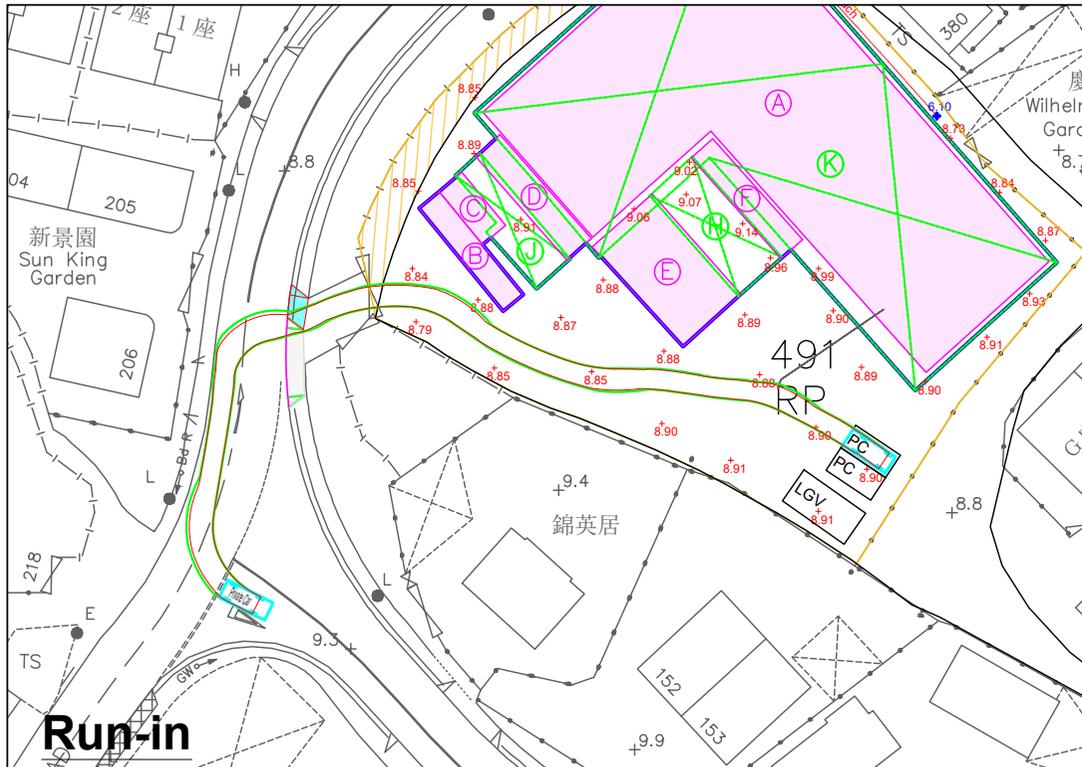
LEGEND



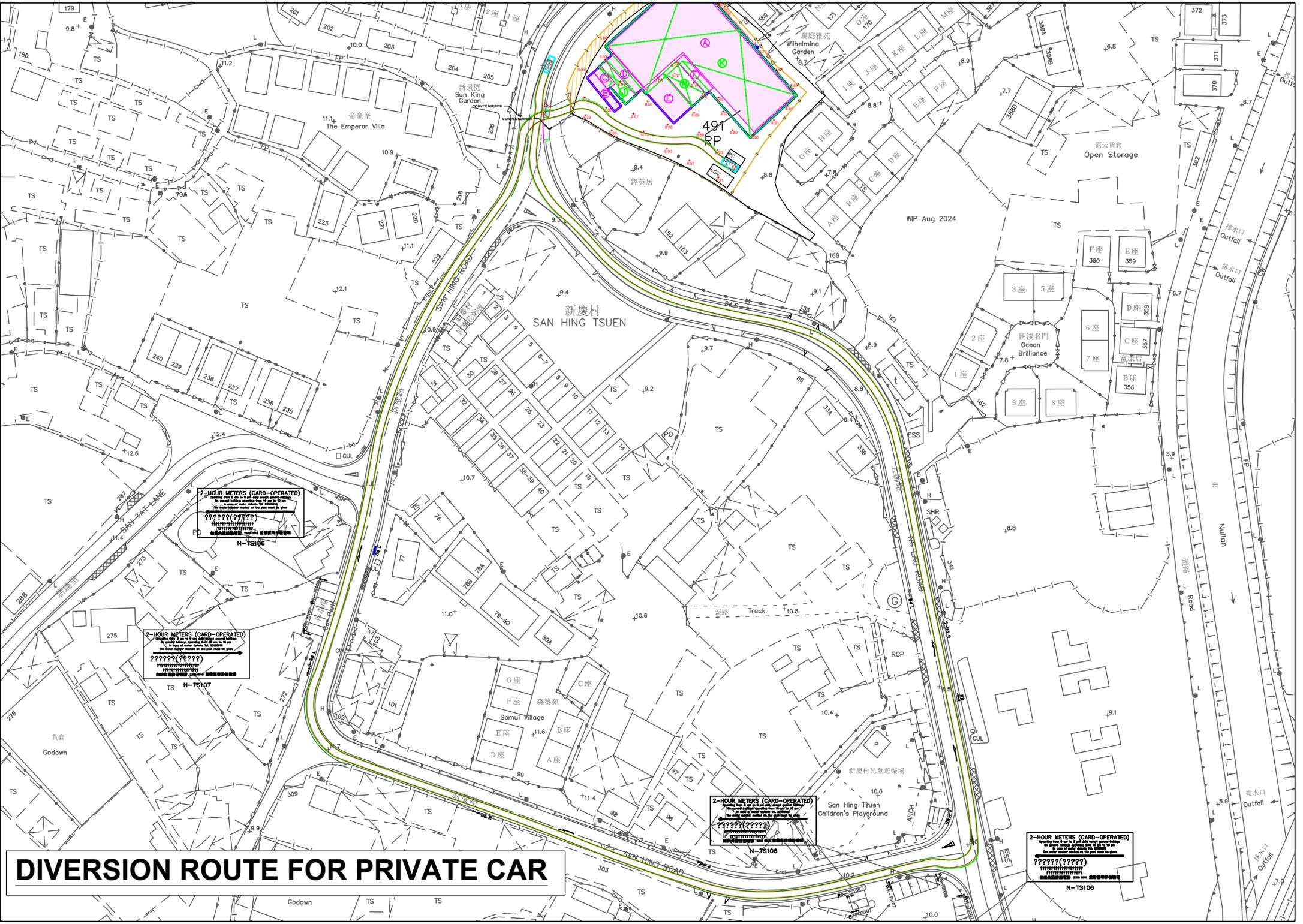
PROPOSED EXTENSION OF THE VEHICULAR RUN-IN/OUT



EXISTING EXTENSION OF THE VEHICULAR RUN-IN/OUT



SWEPT PATH ANALYSIS FOR PRIVATE CAR



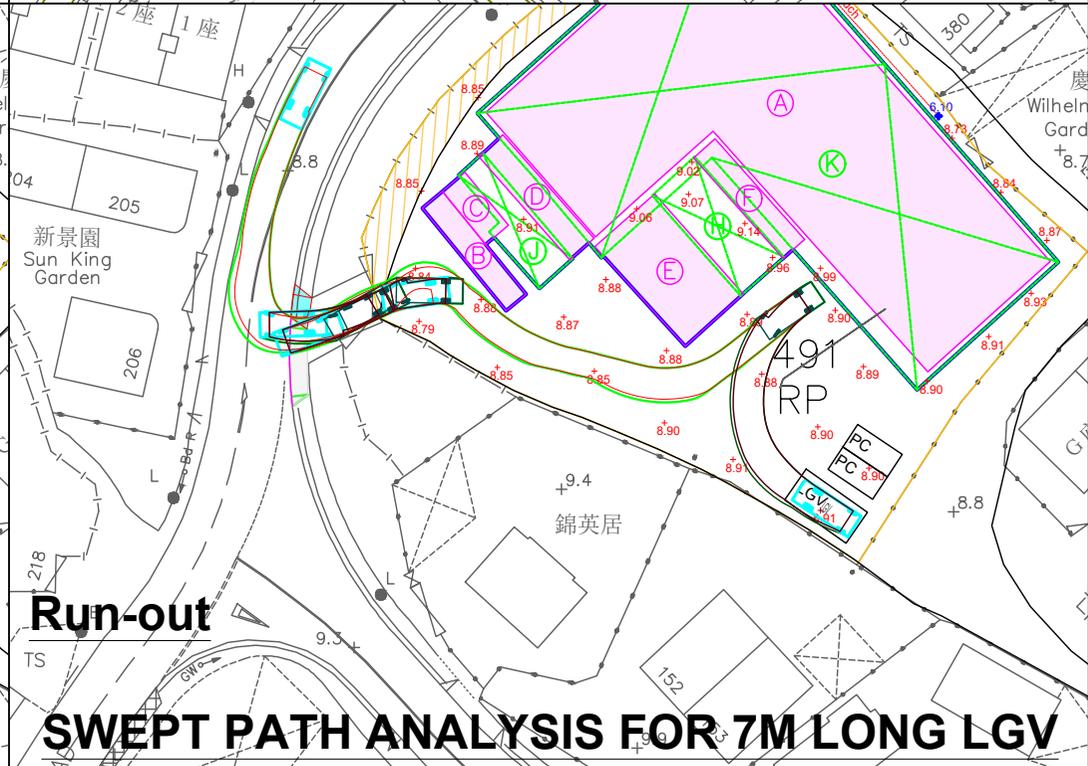
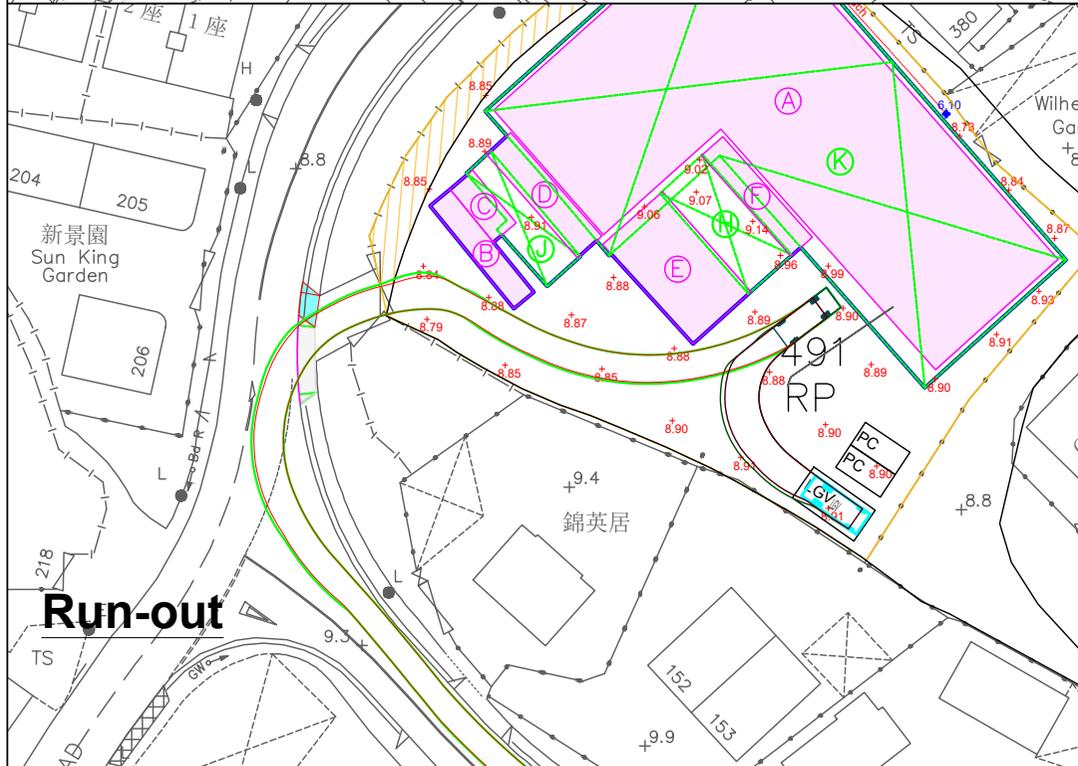
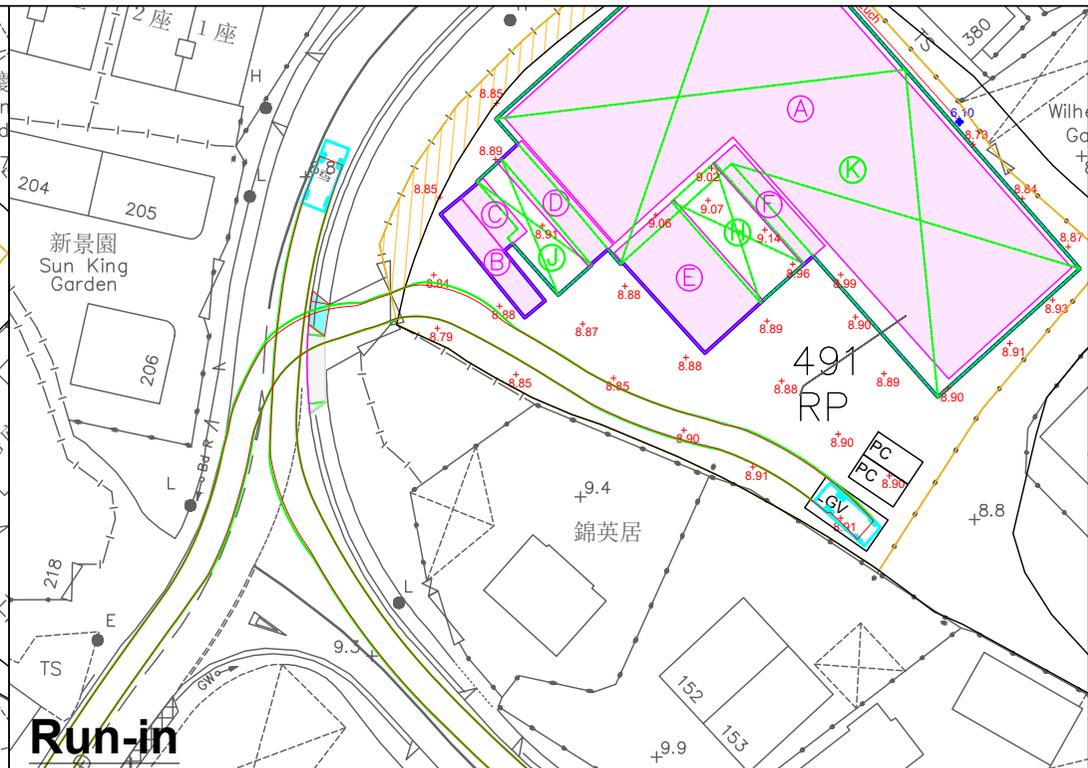
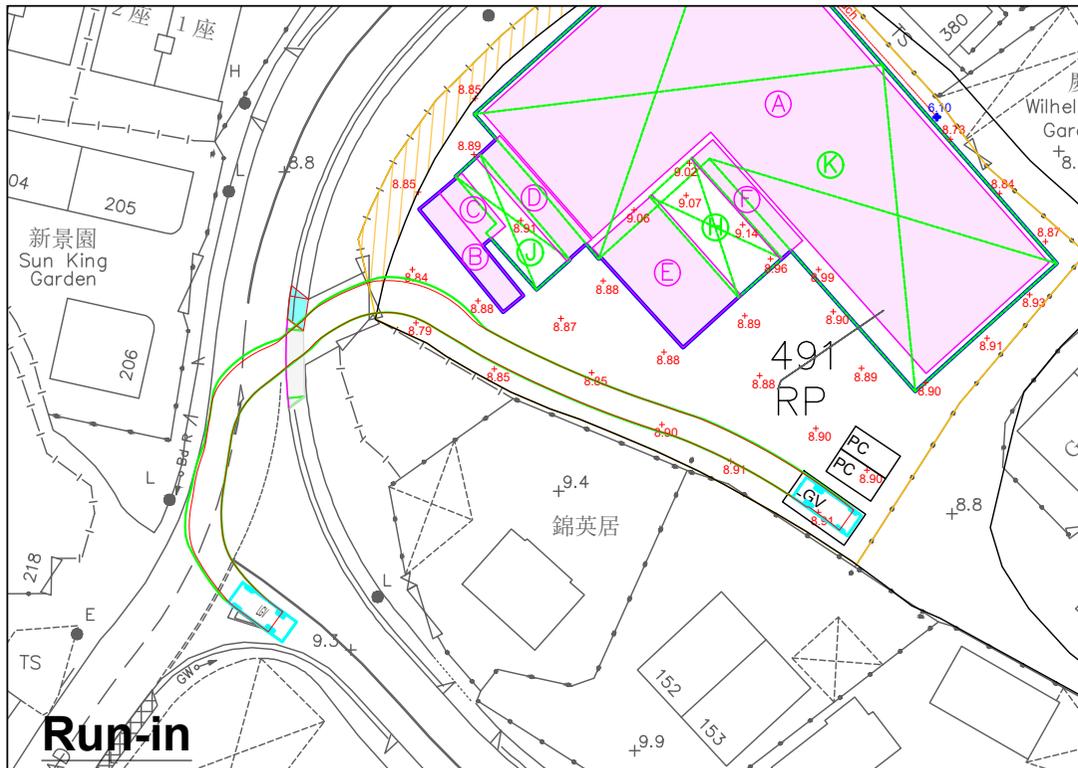
DIVERSION ROUTE FOR PRIVATE CAR

2-HOUR METERS (CARD-OPERATED)
 Operating hours: 8:00 am to 6:00 pm daily
 The meter is for use only by card-operated vehicles.
 The meter is for use only by card-operated vehicles.
 N-TS106

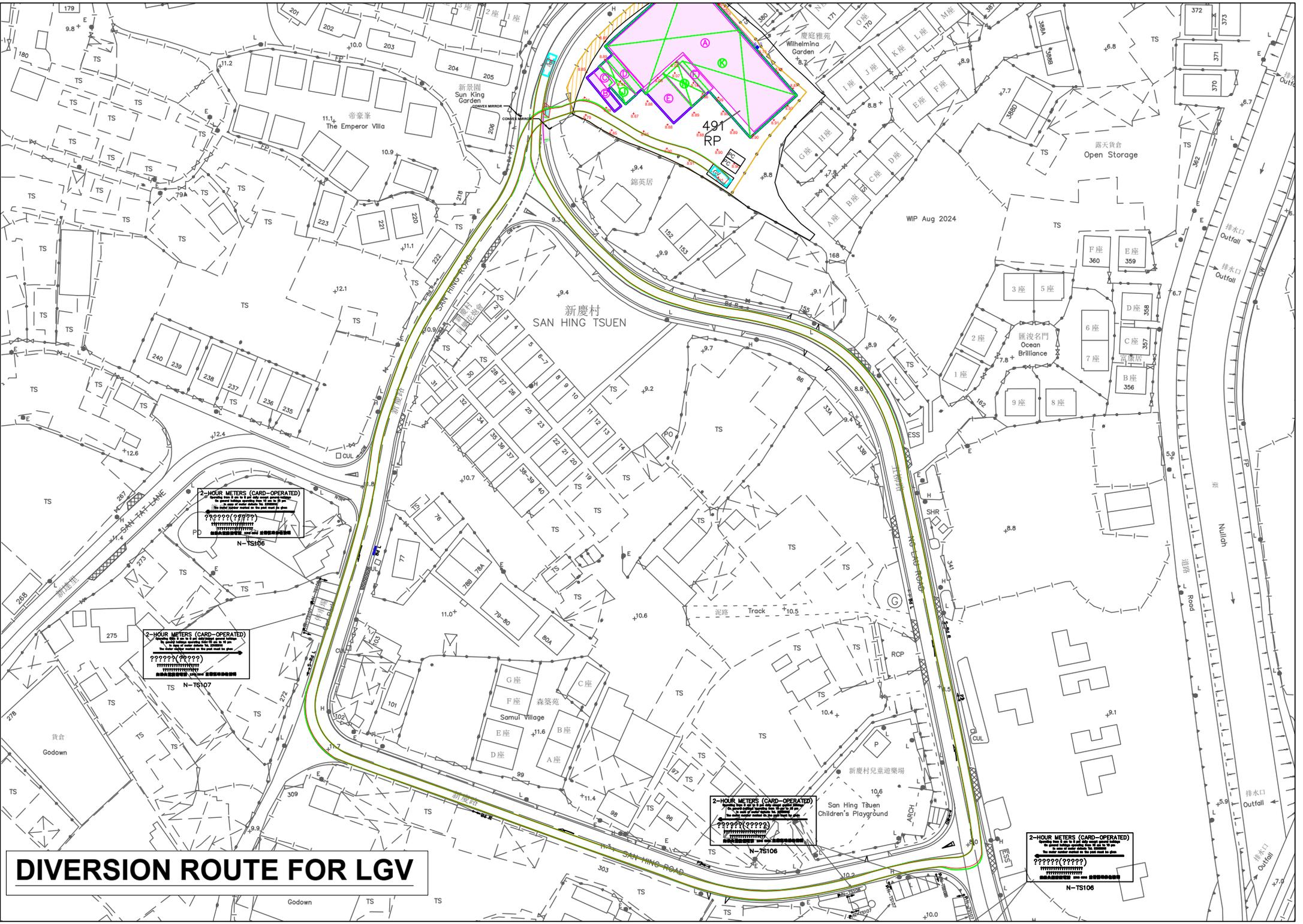
2-HOUR METERS (CARD-OPERATED)
 Operating hours: 8:00 am to 6:00 pm daily
 The meter is for use only by card-operated vehicles.
 The meter is for use only by card-operated vehicles.
 N-TS107

2-HOUR METERS (CARD-OPERATED)
 Operating hours: 8:00 am to 6:00 pm daily
 The meter is for use only by card-operated vehicles.
 The meter is for use only by card-operated vehicles.
 N-TS106

2-HOUR METERS (CARD-OPERATED)
 Operating hours: 8:00 am to 6:00 pm daily
 The meter is for use only by card-operated vehicles.
 The meter is for use only by card-operated vehicles.
 N-TS106



SWEPT PATH ANALYSIS FOR 7M LONG LGV



DIVERSION ROUTE FOR LGV

2-HOUR METERS (CARD-OPERATED)
 Operating hours: 8:00 am to 6:00 pm, 7 days a week.
 The use of 2-hour meters is subject to the availability of meters.
 The use of 2-hour meters is subject to the availability of meters.
 2小時計時器(卡式操作)
 營業時間: 上午八時至下午六時, 七天。
 2小時計時器的使用視乎計時器的供應情況而定。
 2小時計時器的使用視乎計時器的供應情況而定。
 N-TS106

2-HOUR METERS (CARD-OPERATED)
 Operating hours: 8:00 am to 6:00 pm, 7 days a week.
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 N-TS107

2-HOUR METERS (CARD-OPERATED)
 Operating hours: 8:00 am to 6:00 pm, 7 days a week.
 The use of 2-hour meters is subject to the availability of meters.
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 2小時計時器(卡式操作)
 營業時間: 上午八時至下午六時, 七天。
 2小時計時器的使用視乎計時器的供應情況而定。
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 N-TS106

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 N-TS106

WIP Aug 2024

Annex 2

Assessment of the Visibility Distance from Run-in/Out

Annex 3

Revised Fire Service Installations Layout Plan

LEGEND

-  SPRINKLER INLET
-  SPRINKLER CONTROL VALVE GROUP
-  SPRINKLER PUMP SET
-  5KG CO2 GAS TYPE FIRE EXTINGUISHER
-  4KG DRY POWDER TYPE FIRE EXTINGUISHER
-  20-35KG WHEELED TYPE DRY CHEMICAL TYPE FIRE EXTINGUISHER
-  STAND-ALONE FIRE DETECTOR
-  EMERGENCY LIGHTING
-  EXIT SIGN
-  DIRECTION EXIT SIGN
-  DOUBLE-SIDED DIRECTION EXIT SIGN
-  SPRINKLER HEAD

PROPOSED APPLICATION:

-  LOT 491 RP BOUNDARY
-  APPLICATION SITE: 2378.5 sq.m (about)
-  AREA WITHIN GOVERNMENT LAND APPLICATION SITE: 131.9 sq.m (about)
-  AREA WITHIN LOT 491 RP APPLICATION SITE: 2246.6 sq.m (about)

STRUCTURES						
LEGEND	FEATURE	TYPE	HEIGHT (m)	FLOOR AREA (sq.m. about)	OVERLAPPED AREA (for information)	STOREY
	A	SHOP	6.0	929.2	-	2
	B	OFFICE	2.9	30.0	-	1
	C	OFFICE	2.7	17.7	-	1
	D	OFFICE	2.8	38.9	-	1
	E	STORAGE	3.8	91.4	-	1
	F	STORAGE	3.4	33.4	-	1
	G	TOILET	2.7	6.6	-	1
	H	SHELTER	4.5	61.9*	5.5	-
	J	SHELTER	3.1	38.0*	9.9	-
	K	SHELTER	7.4	99.4*	970.2	-
TOTAL FLOOR AREA OF A TO K				1346.5		

FIRE SERVICES FACILITIES		
LEGEND	FEATURE	AREA (sq.m. about)
	SPRINKLER & F.S PUMP ROOM	12.9
	WATER TANK	31.5
TOTAL AREA		44.4

SUPPORTING FACILITIES FOR SOLAR PV SYSTEMS				
LEGEND	FEATURE	DIMENSIONS (m)	TOTAL NUMBERS	TOTAL AREA (sq.m. about)
	TRANSFORMERS	0.95W x 1.0H x 0.54D	3	1.5
	INVERTERS	0.52W x 0.66H x 0.23D	3	0.4
	DC BOXES	0.4W x 0.5H x 0.15D	3	0.2
TOTAL AREA				2.1

TOTAL FLOOR AREA OF APPLIED USE(sq.m.):
 (SUM OF FEATURES A TO K, FIRE SERVICES FACILITIES AND SUPPORTING FACILITIES FOR SPV SYSTEM, EXCLUDING OVERLAPPED AREA & PV PANELS) **1393.0**

Fire Notes:

1. Sufficient emergency lighting shall be provided throughout the entire building in accordance with BS 5266-1:2016, BS EN 1838:2013 and FSD Circular Letter no.4/2021.
2. Sufficient directional and exit sign shall be provided in accordance with BS 5266-1:2016 and FSD Circular letter 5/2008.
3. Sufficient portable hand-operated approved appliance shall be provided as required by occupancy and as marked on plans.
4. A 20-35kg Wheeled Type Dry Chemical Fire Extinguisher in every 500sq.m on every floor of the premises and shall be provided to ensure that every part of the premises can be reached by wheeled type dry chemical fire extinguisher from a distance of not more than 30m.
5. Sufficient Stand-alone Fire Detector shall be provided for each enclosed structure. The Stand-alone Fire Detector shall be provided in accordance with the "Stand-alone Fire Detector General Guidelines on Purchase, Installation & Maintenance [Sep 2021]". where two or more Stand-alone Fire Detectors are installed in an enclosed structure, all Stand-alone Fire Detectors shall be interconnected (either wired or wirelessly) such that when one of the Stand-alone Fire Detector triggered, all connected Stand-alone Detectors shall sound an alarm simultaneously.
6. An Automatic Sprinkler System Supplied by 135 m³ Sprinkler Water Tank and Hazard Class OH 3 shall be provided to the building/structure in accordance with BS EN 12845:2015 and FSD Circular Letter No.5/2020. The Sprinkler Inlet and Sprinkler Control Valve Group as marked on plans. & the sprinkler water tank, Sprinkler pump room as marked on plans too.

7. The storage configuration is ST1 & ST2.
 ST1: free standing or block stacking with reference to the section 6.3.2 of B.S 12845 and storage pattern is the maximum storage height shall not exceed 4 m & the maximum storage areas shall be 50m² for any single block with no less than 2.4m clearance around the block as Ordinary Hazard Group 3 in accordance with LPC BS EN 12845 (Storage Category I)
 ST2: Post pallets in single rows, with aisles not less than 2.4m wide with reference to section 6.3.2 of B.S 12845. Maximum storage heights shall not exceed 3.5m & Aisles between rows shall be not less than 2.4m wide as Ordinary Hazard Group 3 in accordance with LPC BS EN 12845 (Storage Category: Category I)
8. The Sprinkler Tank & F.S water supply pipe be connected to Town Main.
9. The Sprinkler Pump (SP1, SP2, JP) shall be provided at Sprinkler Pump Room.
10. Source of secondary power supply for the proposed FSIs shall be provided.

PROPOSED 135,000 LITERS R.C.C SPRINKLER WATER TANK

PROPOSED SPRINKLER PUMP ROOM

Ingress/Egress (Width about: 6m)

OTHER FEATURES:

-  PROPOSED SITE ENTRANCE: WIDTH 6.0m (about)
-  PROPOSED PRIVATE CAR PARKING SPACES: 5.0m(L) x 2.5m(W) x 2.4m(H)
-  PROPOSED LIGHT GOODS VEHICLE LOADING AND UNLOADING SPACE: 7.0m(L) x 3.5m(W) x 3.6m(H)

INTERCEPT FIRE & SECURITY TECHNICIANS LIMITED
Registered Address :
 Shop 25, G/F, Man Fung Building, YTL 329, Fung Kwan Street, Yuan Long, N.T.
 Tel : 9263 7766 Fax : 2428 5932
Business Address :
 8 / F, Block L, Phase 2, Wah Fung Industrial Centre, 33 - 39 Kwai Fung Street, Kwai Chung, N.T., H.K.
 Tel : 2425 5404 Fax : 2428 5932

Project :
 PROPOSED TEMPORARY SHOP AND SERVICES (METALWARE AND CONSTRUCTION MATERIALS AND EQUIPMENT) WITH INSTALLATION OF SOLAR PHOTOVOLTAIC SYSTEM AND ANCILLARY OFFICE FOR A PERIOD OF 3 YEARS AT LOT NO.491 RP IN D.D.130 IN SAN HING TSUEN, LAM TEI, TUEN MUN, N.T

TITLE :
 PROPOSED FIRE SERVICE INSTALLATION LAYOUT PLAN.

Drawn By:	W.C WONG
Date:	2025-10-13
Revise Date:	2026-01-05
Revise Date:	2026-02-20
Scale:	1:400 @A3
Ref No:	A/TM-LTY/500
Drawing No:	2025-FS/25(1/2P)

F.S & SPRINKLER SYSTEM LAYOUT PLAN(G/F)

