

**For discussion
on 22 November 2010**

Legislative Council Panel on Economic Development

**3180IC – Fitting-out Works for Government Facilities
at New Air Cargo Terminal**

Purpose

This paper briefs Members on the Government's plan to upgrade **3180IC** "Fitting-out works for Government Facilities at New Cargo Terminal" to Category A. Cathay Pacific Services Limited (CPSL) is constructing the new air cargo terminal at the Hong Kong International Airport (HKIA) to provide additional handling capacity to cater for the forecast growth in air cargo.

Project Scope and Nature

2. The scope of **3180IC** comprises the design and fitting-out works for Government facilities located inside the new air cargo terminal at HKIA. The proposed works involve a net operational floor area (NOFA¹) of about 2,427 square metres (m²), with the following facilities –

¹ NOFA is a standard term used to describe the floor area actually allocated to the users for carrying out the intended activities. Unlike construction floor area which takes into account all areas within the building structure envelope, NOFA does not include areas for toilets, bathrooms and showers, lift lobbies, stair halls, public/shared corridors, stairwells, escalators and lift shafts, pipe/services ducts, refuse chutes and refuse rooms, balconies, verandahs, open decks and flat roofs, loading/unloading areas, mechanical plant rooms, etc.

(a) Customs and Excise Department (C&ED) – NOFA of 2,192 m²

- cargo examination facilities including six cargo examination halls, operating area for the breakdown cargo x-ray machine, palletized cargo clearance area and operation command centre, special equipment rooms, detention/transshipment bond and exit guard booth;
- operation and case processing facilities for different units/teams, dog kennel, operation briefing room, duty office/duty collection office, arms loading/unloading bay;
- logistics and IT support facilities including logistics support office, conference room, multi-purpose cum staff common room, store rooms, closed-circuit television and server/network equipment rooms, changing rooms with shower facilities and pantries;

(b) Agriculture, Fisheries and Conservation Department – NOFA of 74 m²

- general office, counter cum waiting area, interview cum inspection room, inoculation and animal inspection room, and changing room with shower facilities;

(c) Food and Environmental Hygiene Department – NOFA of 137 m²

- general office (including a reception area and store room), interview room, food inspection room, laboratory, walk-in freezer room, walk-in chiller room, server room, and changing rooms with shower facilities;

(d) the Police – NOFA of 24 m²

- Police equipment room.

———— A location plan of the new air cargo terminal is at Enclosure 1. Layout
———— plans of the proposed Government facilities are at Enclosure 2 and a view of
———— the new cargo terminal from south direction is at Enclosure 3.

JUSTIFICATIONS

3. Trading and logistics is one of the four pillar industries in the Hong Kong economy, accounting for about 26% and 24% of our gross domestic product (GDP) and employment respectively. Air cargo has been a key component of the trading and logistics industry especially in respect of high value goods, with the air cargo throughput at HKIA growing at an average annual rate of 6.8% during 1999-2009. In 2009, the air cargo throughput of HKIA exceeded 3.3 million tonnes, representing a value of about \$1,821 billion, accounting for 35.3% of Hong Kong's total external merchandised trade value. HKIA has been the world's busiest international cargo airport since 1996.

4. Despite the global economic slowdown in the light of the financial downturn, according to the Airport Authority's forecast, HKIA's air cargo throughput is expected to grow at an average rate of over 4% per annum in the coming two decades. During the first six months of 2010, the air cargo traffic of HKIA reached 2 million tonnes, which represented a yearly growth of 35.1%. It is important that HKIA has sufficient air cargo handling capacity to meet the increasing demand.

5. CPSL is constructing a new cargo terminal with a design capacity of 2.6 million tonnes per annum, for completion by early 2013. CPSL, together with the other air cargo operators at HKIA, is expected to increase the airport's total general and express air cargo handling capacity to 7.4 million tonnes per annum. The timely commencement of the new air cargo terminal is essential to maintaining HKIA's competitiveness as a hub for international air cargo traffic, especially at a time when HKIA is facing fierce competition from others in the region. The new air cargo terminal should be equipped with adequate Government facilities.

6. According to the established arrangement, CPSL will provide rent-free accommodation for the Government's use, while the Government will be responsible for the fitting-out works. As the fitting-out works for the Government facilities are integral to the new air cargo terminal development being undertaken by CPSL, subject to further negotiation with CPSL and internal approval, we intend to entrust the design and fitting-out works for **3180IC** to CPSL.

PROJECT ESTIMATE AND PROGRAMME

7. We estimate the cost of the project to be \$159 million in September 2010 price level and \$178 million in money-of-the-day prices. To tie in with the construction programme of the new air cargo terminal, we plan to start the fitting-out works in the third quarter of 2011 for completion in the fourth quarter of 2012, so as to meet the planned operation of the new air cargo terminal in early 2013. We need to seek funding approval now, given that the tendering period for the procurement of specialised equipment (required for the clearance of air cargo at the new air cargo terminal) under the project is expected to take about 13 months.

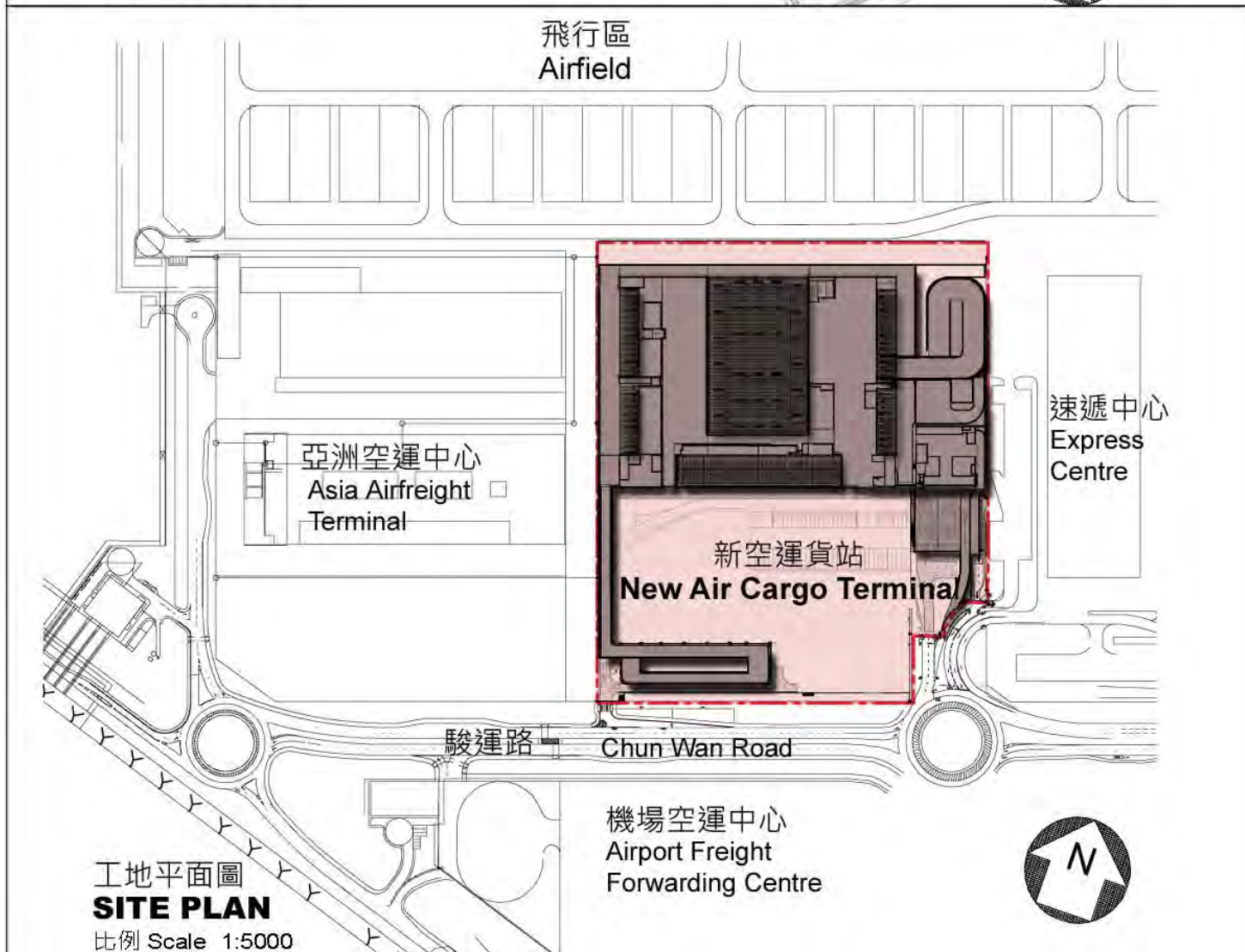
PUBLIC CONSULTATION


8. The Airport Authority has consulted the relevant stakeholders, including the Carrier Liaison Group (comprising airlines providing air cargo services), the Hong Kong Association of Freight Forwarding And Logistics Limited, the Hong Kong Exporters' Association, the Hong Kong Shippers' Council, the Hong Kong International Courier Association, the Chamber of Hong Kong Logistics Industry Limited and Hong Kong Association of Aircargo Truckers Limited. They support the new air cargo terminal development and the provision of Government services therein.

WAY FORWARD

9. We plan to submit the project to the Public Works Subcommittee and the Finance Committee of the Legislative Council in December 2010 and January 2011 respectively for upgrading to Category A.

**Transport and Housing Bureau
November 2010**




title 1801C 新空運貨站裝置政府設施工程 Fitting-out works for government facilities at New Air Cargo Terminal	drawn by Billy CHOW	date Oct 2010	drawing no. PMB1/7980/XA201	scale 1:5000
	approved W.Y. LEE	date Oct 2010	 ARCHITECTURAL SERVICES DEPARTMENT	
	office PROJECT MANAGEMENT BRANCH 1			



圖例 Legend
駿運路 Chun Wan Road

- (1) 海關小隊辦公室及狗房
C&ED Detector Dog Team Office cum Dog Kennel
- (2) 海關出口站崗亭
C&ED Exit Guard Booth
- (3) 海關出口驗貨設施
C&ED Export Cargo Examination Facilities
- (4) 海關電腦網絡儀器室
C&ED Network Equipment Room
- (5) 海關濕貨驗貨設施
C&ED Perishable Cargo Examination Facilities
- (6) 食環署總務室、化驗室及食物檢驗設施
FEHD General Office, Laboratory & Food Inspection Facilities

首層(地面)平面圖 LEVEL 1 (G/F) LAYOUT PLAN

title 180IC 新空運貨站裝置政府設施工程 Fitting-out works for government facilities at New Air Cargo Terminal	drawn by Billy CHOW	date Oct 2010	drawing no. PMB1/7980/XA202	scale 1:2000
	approved W.Y. LEE	date Oct 2010	 ARCHITECTURAL SERVICES DEPARTMENT	
	office PROJECT MANAGEMENT BRANCH 1			




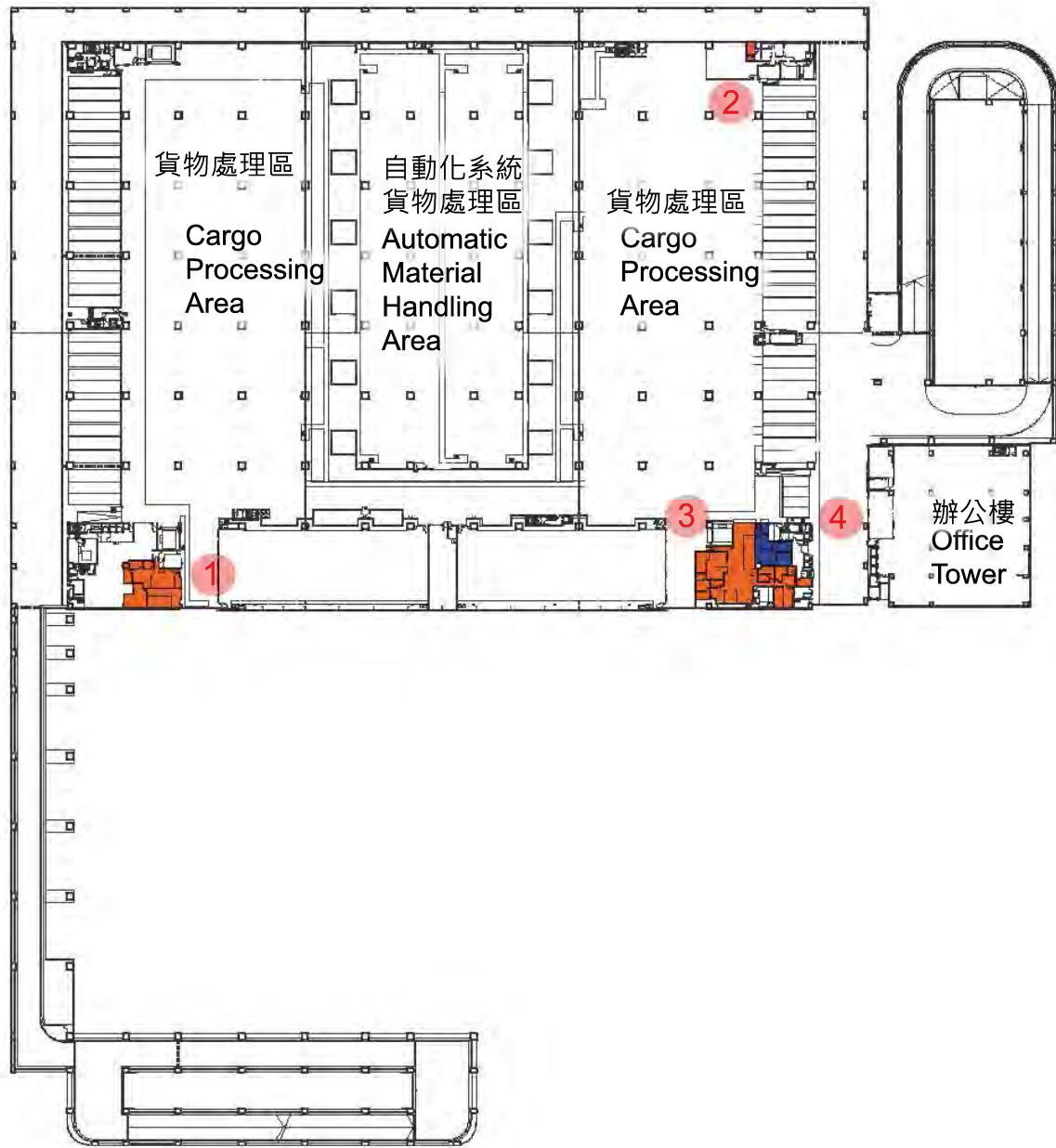
駿運路 Chun Wan Road

圖例
Legend

- (1) 海關托板貨物清關設施
C&ED Palletized Cargo Clearance Facilities
- (2) 漁護署停車位 (1個)
AFCD Car Parking (1 no.)
食環署停車位(1個)
FEHD Car Parking (1 no.)
海關停車位(4個)
C&ED Car Parking (4 nos.)

第二層平面圖 LEVEL 2 LAYOUT PLAN

title 1801C 新空運貨站裝置政府設施工程 Fitting-out works for government facilities at New Air Cargo Terminal	drawn by Billy CHOW	date Oct 2010	drawing no. PMB1/7980/XA203	scale 1:2000
	approved W.Y. LEE	date Oct 2010		
	office PROJECT MANAGEMENT BRANCH 1			 ARCHITECTURAL SERVICES DEPARTMENT



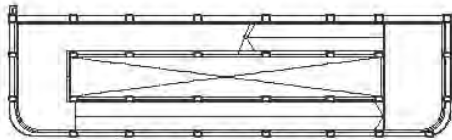
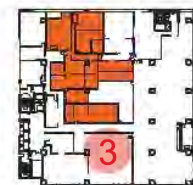
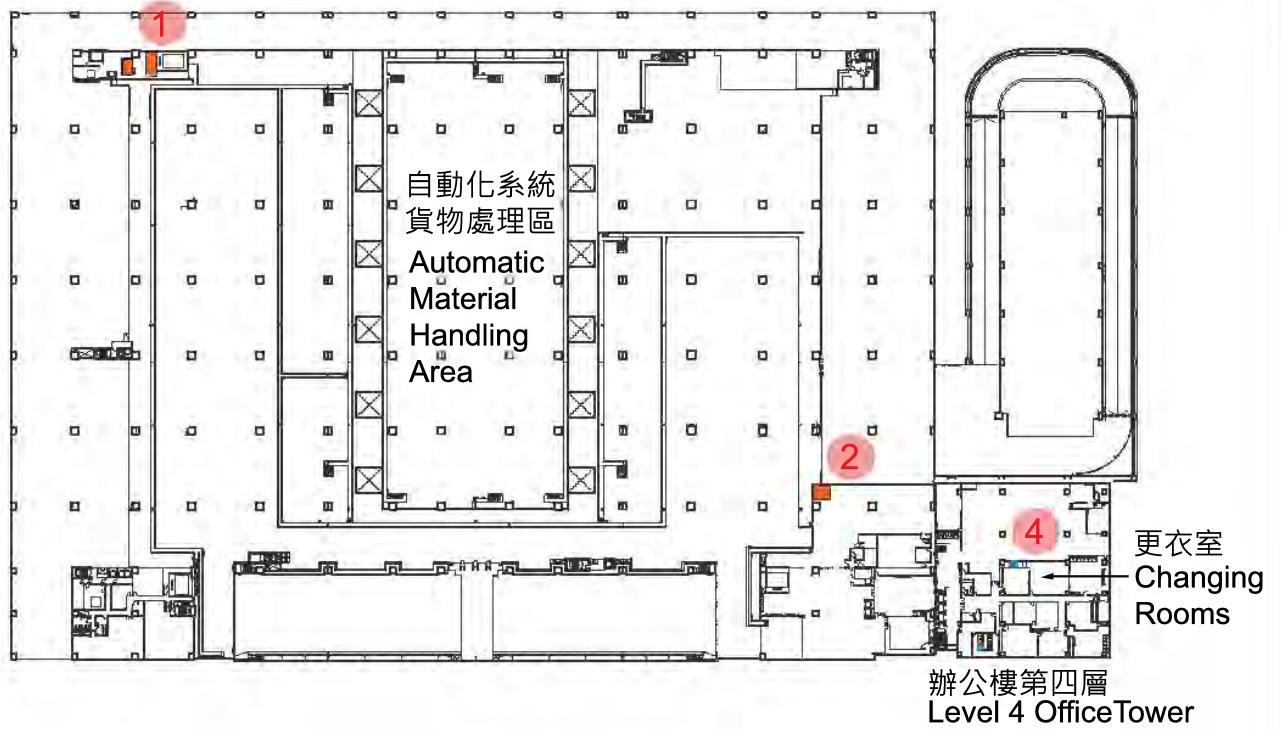
駿運路 Chun Wan Road

圖例
Legend

- (1) 海關出口驗貨設施/分拆貨物驗貨設施
C&ED Export Cargo Examination Facilities/
Breakdown Cargo Examination Facilities
- (4) 漁護署總務室、動物防疫注射及檢查設施
AFCD General Office ,
Inoculation and Animal Inspection Facilities
- (2) 海關電腦網絡儀器室
C&ED Network Equipment Room
- (3) 海關入口驗貨設施
C&ED Import Cargo Examination Facilities

第三層平面圖 LEVEL 3 LAYOUT PLAN

title 180IC 新空運貨站裝置政府設施工程 Fitting-out works for government facilities at New Air Cargo Terminal	drawn by	Billy CHOW	date	Oct 2010	drawing no.	PMB1/7980/XA204	scale	1:2000
	approved	W.Y. LEE	date	Oct 2010	ARCHITECTURAL SERVICES DEPARTMENT			
	office	PROJECT MANAGEMENT BRANCH 1						




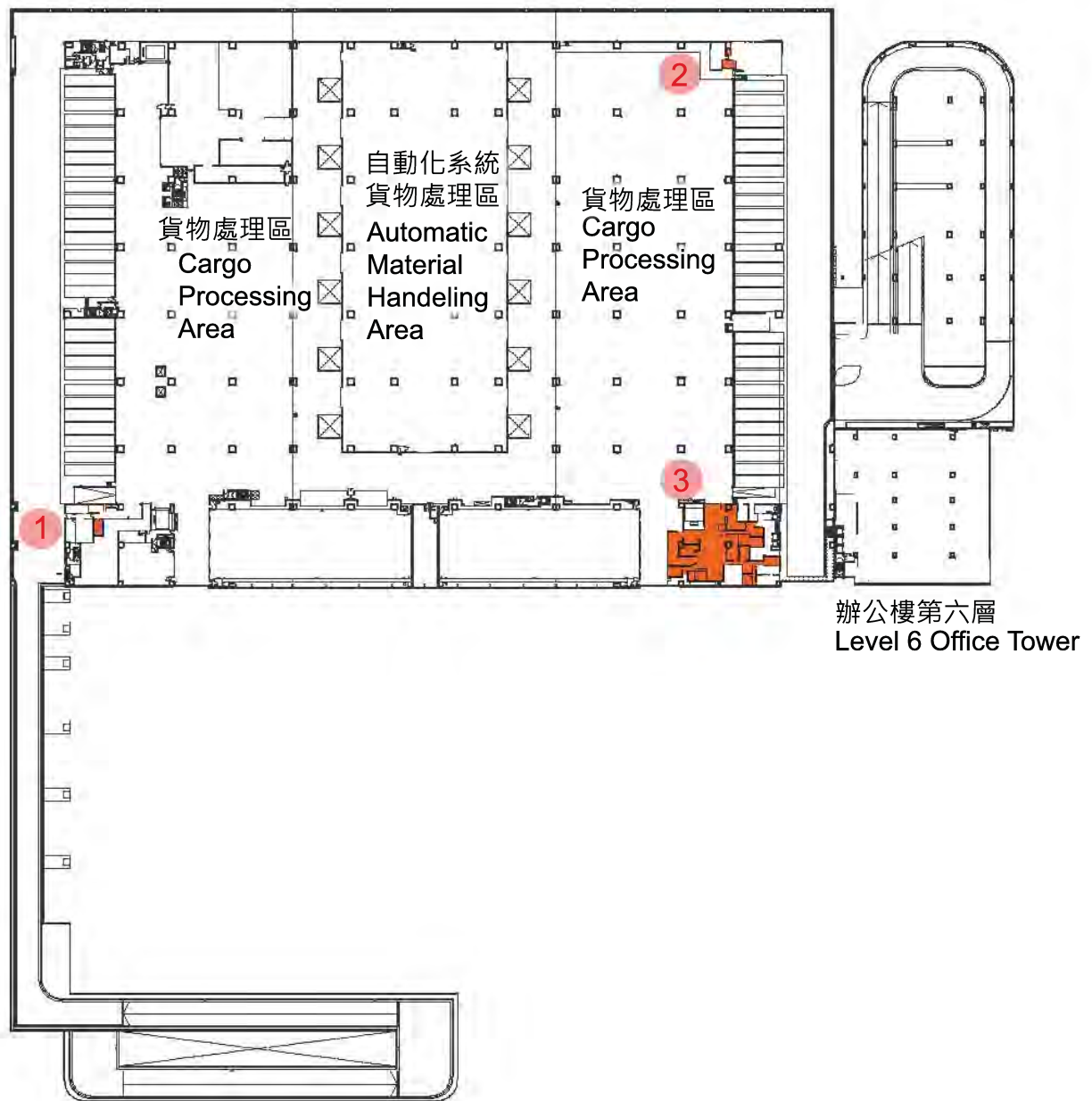
駿運路 Chun Wan Road

圖例
Legend

- (1) 海關制服貯存室/電腦網絡儀器室
C&ED Uniform Store / Network Equipment Room
- (2) 海關分拆貨物X光機
C&ED Breakdown Cargo X-ray Machine
- (3) 海關行政及後勤支援室
C&ED Administrative & Support Office
- (4) 漁護署及食環署專用的淋浴間(各兩個)
Shower cubicles for AFCD & FEHD's exclusive use (2 nos. for each)

第四層平面圖 LEVEL 4 LAYOUT PLAN

title 180IC 新空運貨站裝置政府設施工程 Fitting-out works for government facilities at New Air Cargo Terminal	drawn by Billy CHOW	date Oct 2010	drawing no. PMB1/7980/XA205	scale 1:2000
	approved W.Y. LEE	date Oct 2010		
	office PROJECT MANAGEMENT BRANCH 1			 ARCHITECTURAL SERVICES DEPARTMENT




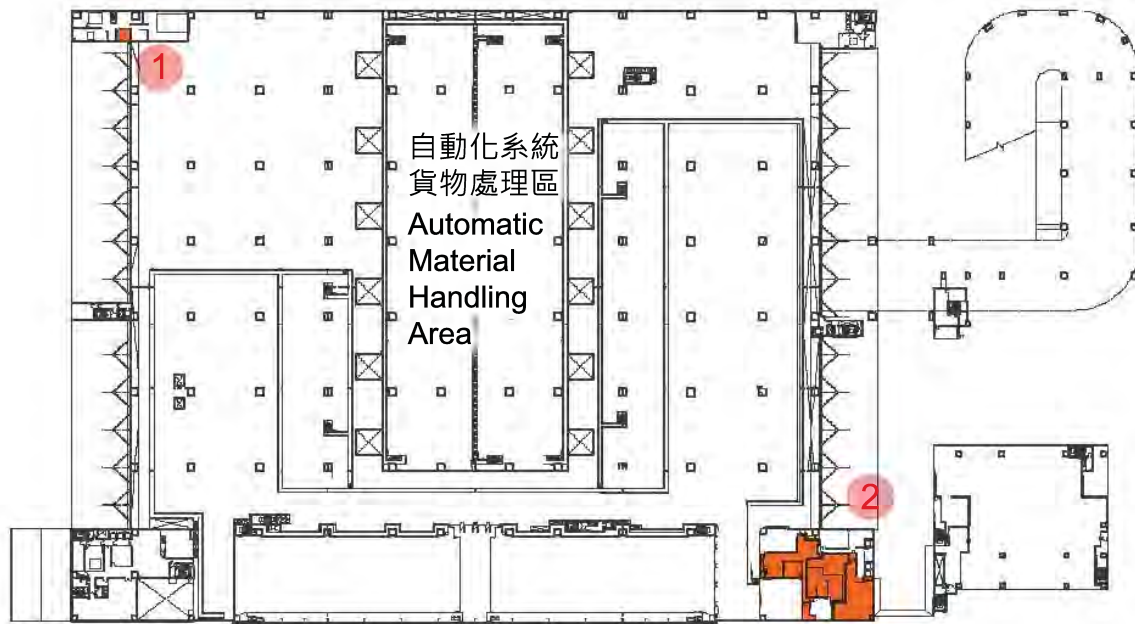
駿運路 Chun Wan Road

圖例
Legend

- (1) 海關電腦網絡儀器室
C&ED Network Equipment Room
- (2) 海關電腦網絡儀器室
C&ED Network Equipment Room
- (3) 海關入口驗貨設施
C&ED Import Cargo Examination Facilities

第五層平面圖 LEVEL 5 LAYOUT PLAN

title 180IC 新空運貨站裝置政府設施工程 Fitting-out works for government facilities at New Air Cargo Terminal	drawn by Billy CHOW	date Oct 2010	drawing no. PMB1/7980/XA206	scale 1:2000
	approved W.Y. LEE	date Oct 2010	 ARCHITECTURAL SERVICES DEPARTMENT	
	office PROJECT MANAGEMENT BRANCH 1			




辦公樓第七層
Level 7 Office Tower

圖例
Legend

- (1) 海關電腦網絡儀器室
C&ED Network Equipment Room
- (2) 海關托板貨物清關及行動指揮中心/設有淋浴設備及廁所的更衣室
C&ED Palletized Cargo Clearance and Operation
Command Centre /
Changing Showering & Toilet Facilities

第六層平面圖 LEVEL 6 LAYOUT PLAN


title 180IC 新空運貨站裝置政府設施工程 Fitting-out works for government facilities at New Air Cargo Terminal	drawn by Billy CHOW	date Oct 2010	drawing no. PMB1/7980/XA207	scale 1:2000
	approved W.Y. LEE	date Oct 2010	 ARCHITECTURAL SERVICES DEPARTMENT	
	office PROJECT MANAGEMENT BRANCH 1			



圖例
Legend

- (1) 警察裝備室
Police Equipment Room

第七層平面圖 LEVEL 7 LAYOUT PLAN

title 180IC 新空運貨站裝置政府設施工程 Fitting-out works for government facilities at New Air Cargo Terminal	drawn by Billy CHOW	date Oct 2010	drawing no. PMB1/7980/XA208	scale 1:2000
	approved W.Y. LEE	date Oct 2010		
	office PROJECT MANAGEMENT BRANCH 1			 ARCHITECTURAL SERVICES DEPARTMENT

新空運貨站 New Air Cargo Terminal

亞洲空運中心
Asia Airfreight Terminal

速遞中心
Express Centre

駿運路 Chun Wan Road

從南面望向新空運貨站
View of New Air Cargo Terminal
from South Direction
(Artist's Impression)

180IC
新空運貨站裝置政府設施工程
Fitting-out works for government facilities
at New Air Cargo Terminal

drawn by BILLY CHOW	date Oct 2010
approved W.Y. LEE	date Oct 2010
office PROJECT MANAGEMENT BRANCH 1	

drawing no. PMB1/7980/XA209	scale N.T.S.
--------------------------------	-----------------

