

**Harbour-front Enhancement Committee
Sub-committee on Harbour Plan Review**

Central-Wan Chai Bypass and Island Eastern Corridor Link

**Temporary Reprovisioning of Food and Environmental Hygiene Department
Whitfield Depot**

Purpose

This paper seeks Members' views on the proposed arrangement for temporary reprovisioning of the Food and Environmental Hygiene Department (FEHD) Whitfield Depot (Depot) under the Central-Wan Chai Bypass and Island Eastern Corridor Link (Trunk Road) project.

Background

2. The Trunk Road is a strategic highway running along the northern part of Hong Kong Island, connecting the existing Rumsey Street Flyover in Central and the Island Eastern Corridor (IEC) in North Point. The northern portion of the Depot at King Ming Road, which is currently used for refuse truck parking, will be occupied for construction of the Trunk Road. There is a need for temporary reprovisioning of the Depot to maintain the current service level of FEHD during the trunk road construction.

3. It was identified in the WDII Planning & Engineering Review completed in 2008 that there would be no suitable land available in other places of Hong Kong Island for off-site reprovisioning of the affected parking area. The on-site reprovisioning proposal was included in the Concept Plan and Recommended Outline Development Plan (RODP) of the WDII Planning & Engineering Review.

4. About 50 car parking spaces and some facilities in the Depot will be affected permanently by the Trunk Road project. Whilst the area could be returned to FEHD after construction, for better land use along the waterfront, the area to the north of the existing IEC road structures is suggested to be retained for harbour-front enhancement purpose. A basement car park is proposed to be constructed under the existing IEC bridges within the Depot area to compensate for the lost car parking areas.

Temporary Re provisioning

5. To maintain the daily operation of the Depot during construction of the basement car park and reconstruction of the IEC bridges, the FEHD vehicles are proposed to be temporarily parked underneath the existing IEC bridges (Temporary Carpark Area) within the road section from Watson Road to Oil Street of about 180 metres in length.

6. The temporary re provisioning for the Depot will be arranged in 2 stages –

(i) Stage 1 – during construction of the basement car park (**Annex 1**)

All FEHD vehicles will be relocated to park within the Temporary Carpark Area. The associated facilities will be rearranged to the northern portion of the existing Depot whilst the refuse trucks will be parked near the seashore at the farthest distance from the residential blocks.

The tentative period for the Stage 1 temporary re provisioning is scheduled from December 2009 to December 2010.

(ii) Stage 2 – during reconstruction of the IEC Bridges (**Annex 2**)

Upon completion of the basement car park, reconstruction of the IEC bridges will commence requiring partial occupation of the Depot area. The vehicles within the affected area will be parked within the reduced Temporary Carpark Area whilst the remaining vehicles will be re-arranged to park within the new basement car park and the unaffected area of the Depot.

The tentative period for the Stage 2 temporary re provisioning is scheduled from December 2010 to mid 2014. Thereafter, all FEHD vehicles will be returned to park within the Depot.

7. To minimise adverse visual impact to the nearby residents during the period of temporary re provisioning, hoardings along the boundary of the Temporary Carpark Area up to the deck soffit of the existing IEC bridges (**Annex 3**) and roof shelters above the parking spaces for refuse trucks (**Annex 4**) will be erected, shielding off the FEHD vehicles from the view of the public.

8. On the temporary re provisioning proposal, we have considered staged construction of the basement carpark in order to reduce the number of FEHD vehicles parking underneath the existing IEC bridges. However, such staged construction would increase the construction cost by about 20% (approximately \$18M), prolong the construction period by about 3 months, and seriously affect the programme of the IEC road reconstruction resulting in delayed completion of the Trunk Road.

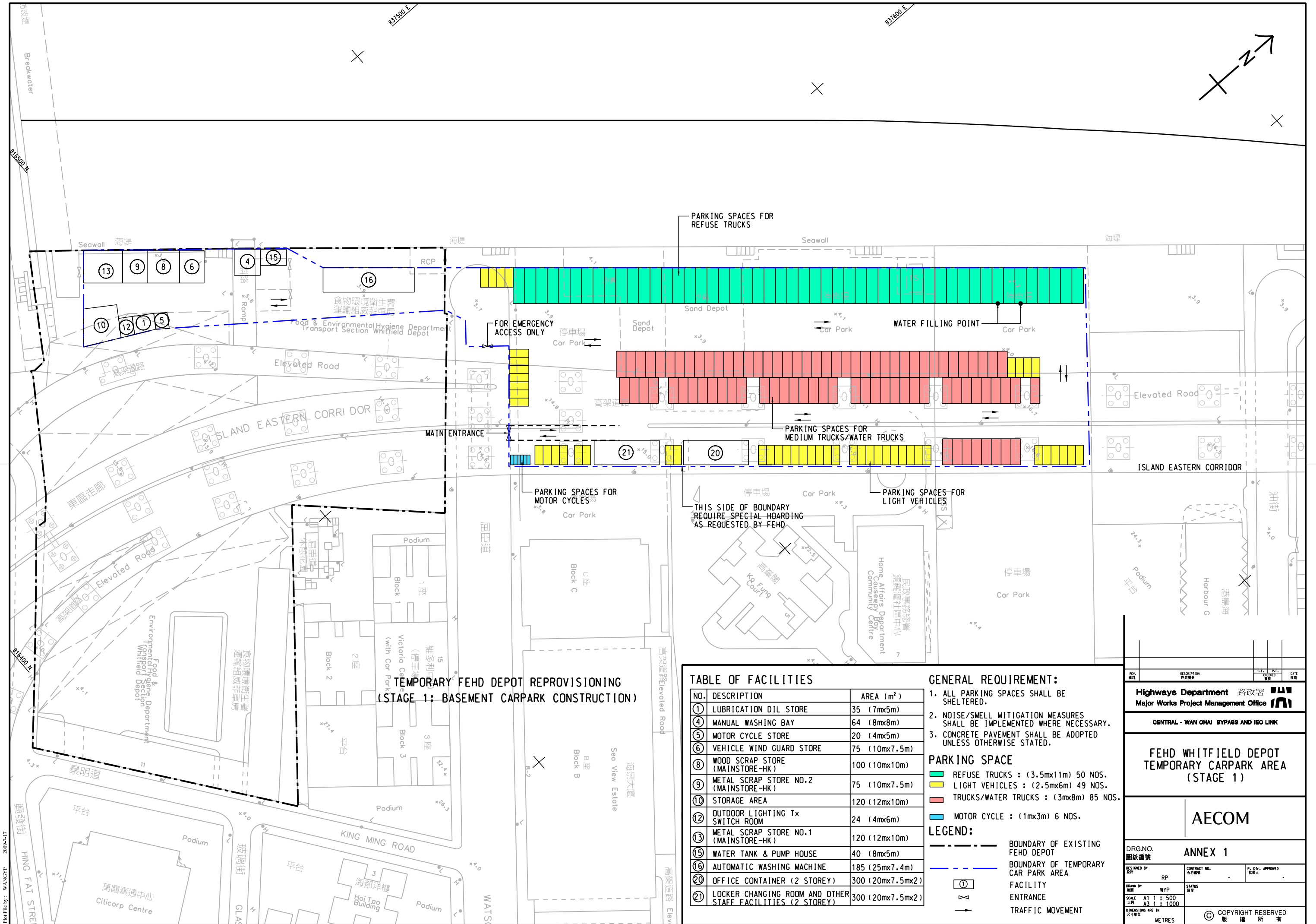
Advice Sought

9. Members are invited to comment on this paper.

Attachment

- Annex 1 FEHD Whitfield Depot - Temporary Carpark Area (Stage 1)
- Annex 2 FEHD Whitfield Depot - Temporary Carpark Area (Stage 2)
- Annex 3 Photomontage of the Temporary Carpark Area (View 1)
- Annex 4 Photomontage of the Temporary Carpark Area (View 2)

Highways Department
17 July 2009



TEMPORARY FEHD DEPOT REPROVISIONING
(STAGE 1: BASEMENT CARPARK CONSTRUCTION)

TABLE OF FACILITIES

NO.	DESCRIPTION	AREA (m ²)
①	LUBRICATION DIL STORE	35 (7mx5m)
④	MANUAL WASHING BAY	64 (8mx8m)
⑤	MOTOR CYCLE STORE	20 (4mx5m)
⑥	VEHICLE WIND GUARD STORE	75 (10mx7.5m)
⑧	WOOD SCRAP STORE (MAINSTORE-HK)	100 (10mx10m)
⑨	METAL SCRAP STORE NO.2 (MAINSTORE-HK)	75 (10mx7.5m)
⑩	STORAGE AREA	120 (12mx10m)
⑫	OUTDOOR LIGHTING Tx SWITCH ROOM	24 (4mx6m)
⑬	METAL SCRAP STORE NO.1 (MAINSTORE-HK)	120 (12mx10m)
⑮	WATER TANK & PUMP HOUSE	40 (8mx5m)
⑯	AUTOMATIC WASHING MACHINE	185 (25mx7.4m)
⑳	OFFICE CONTAINER (2 STOREY)	300 (20mx7.5mx2)
㉑	LOCKER CHANGING ROOM AND OTHER STAFF FACILITIES (2 STOREY)	300 (20mx7.5mx2)

GENERAL REQUIREMENT:

- ALL PARKING SPACES SHALL BE SHELTERED.
- NOISE/SMELL MITIGATION MEASURES SHALL BE IMPLEMENTED WHERE NECESSARY.
- CONCRETE PAVEMENT SHALL BE ADOPTED UNLESS OTHERWISE STATED.

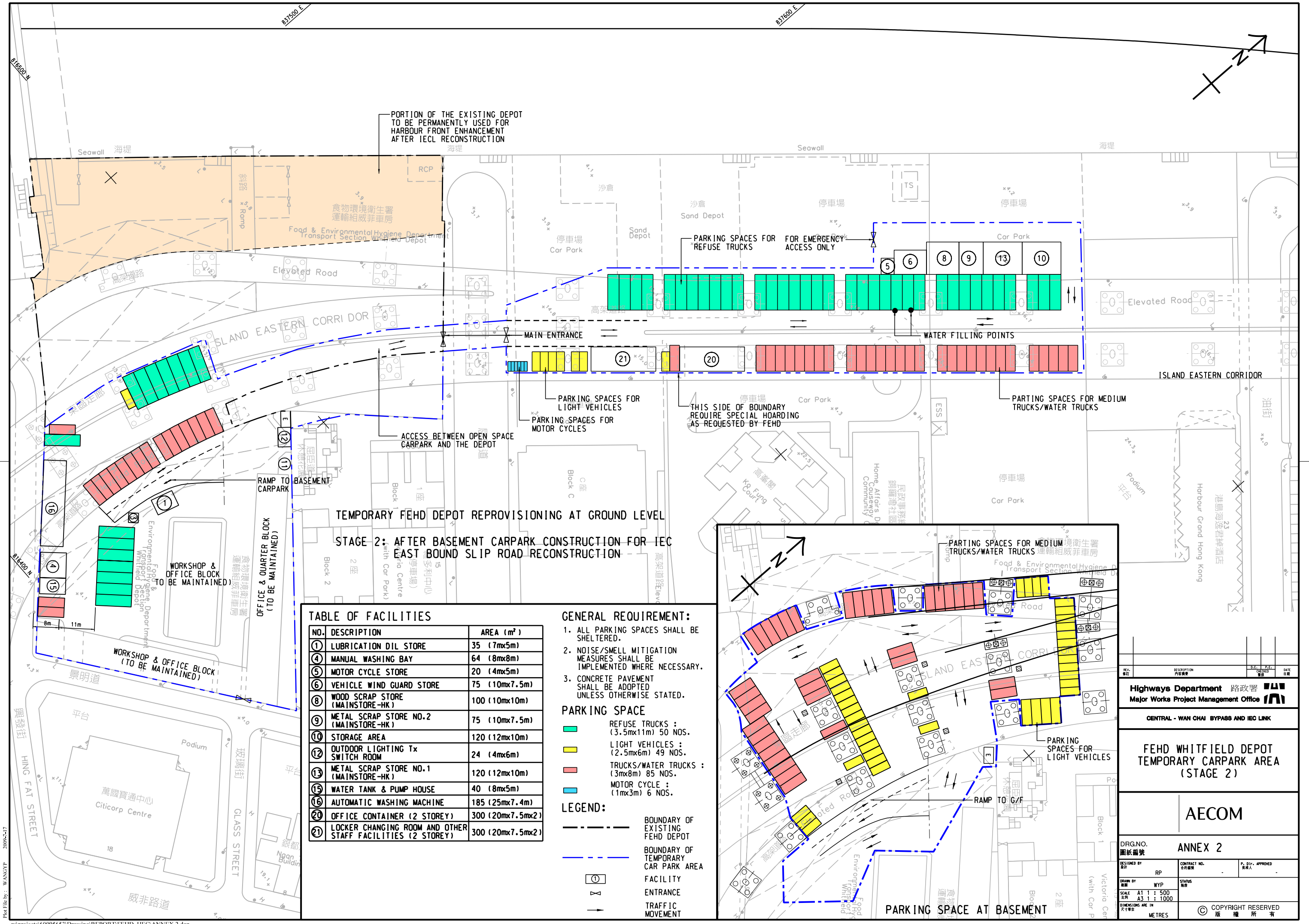
PARKING SPACE

- REFUSE TRUCKS : (3.5mx11m) 50 NOS.
- LIGHT VEHICLES : (2.5mx6m) 49 NOS.
- TRUCKS/WATER TRUCKS : (3mx8m) 85 NOS.
- MOTOR CYCLE : (1mx3m) 6 NOS.

LEGEND:

- BOUNDARY OF EXISTING FEHD DEPOT
- BOUNDARY OF TEMPORARY CAR PARK AREA
- FACILITY
- ⊗ ENTRANCE
- TRAFFIC MOVEMENT

REV. NO.	DESCRIPTION	DATE
Highways Department 路政署 Major Works Project Management Office		
CENTRAL - WAN CHAI BYPASS AND IEC LINK		
FEHD WHITFIELD DEPOT TEMPORARY CARPARK AREA (STAGE 1)		
AECOM		
DRG. NO.	ANNEX 1	
DESIGNED BY	CONTRACT NO.	P. DIR. APPROVED
RP		
DRAWN BY	WYP	STATUS
SCALE	A1 1 : 500	
	A3 1 : 1000	
DIMENSIONS ARE IN METRES		
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PORTION OF THE EXISTING DEPOT TO BE PERMANENTLY USED FOR HARBOUR FRONT ENHANCEMENT AFTER IECL RECONSTRUCTION

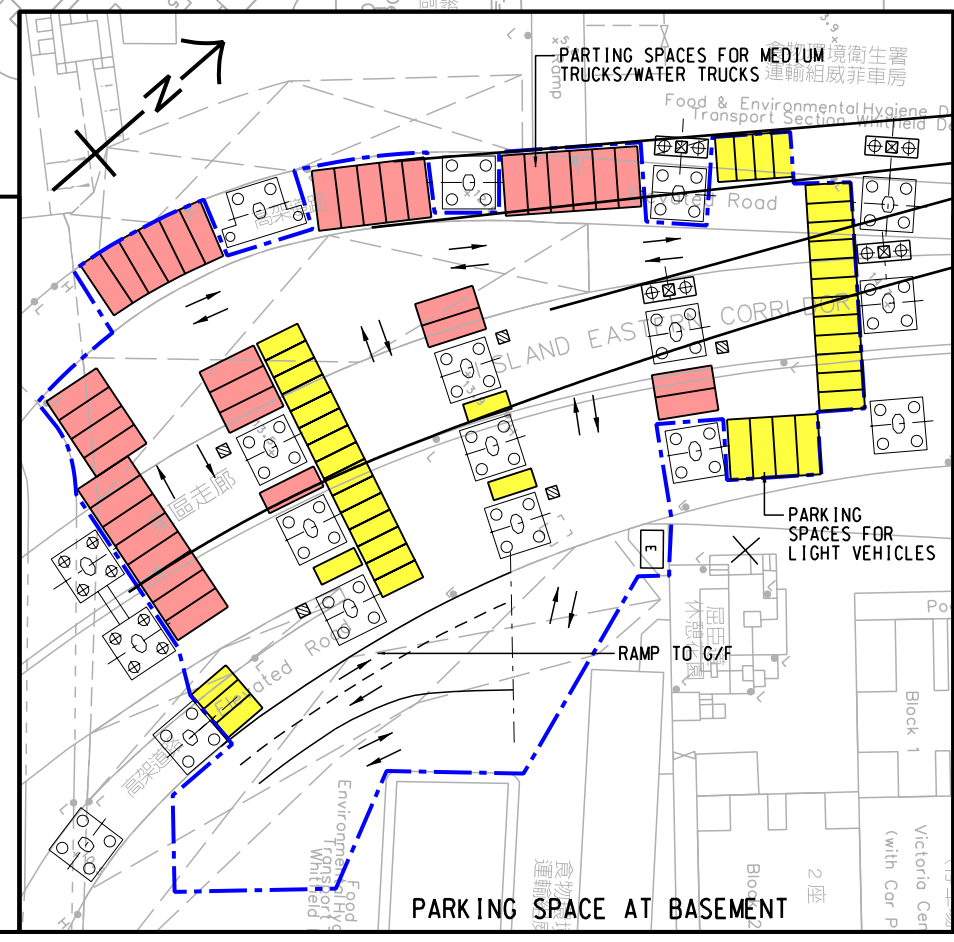
TEMPORARY FEHD DEPOT REPROVISIONING AT GROUND LEVEL
 STAGE 2: AFTER BASEMENT CARPARK CONSTRUCTION FOR IEC EAST BOUND SLIP ROAD RECONSTRUCTION

NO.	DESCRIPTION	AREA (m ²)
1	LUBRICATION OIL STORE	35 (7m x 5m)
4	MANUAL WASHING BAY	64 (8m x 8m)
5	MOTOR CYCLE STORE	20 (4m x 5m)
6	VEHICLE WIND GUARD STORE	75 (10m x 7.5m)
8	WOOD SCRAP STORE (MAINSTORE-HK)	100 (10m x 10m)
9	METAL SCRAP STORE NO.2 (MAINSTORE-HK)	75 (10m x 7.5m)
10	STORAGE AREA	120 (12m x 10m)
12	OUTDOOR LIGHTING Tx SWITCH ROOM	24 (4m x 6m)
13	METAL SCRAP STORE NO.1 (MAINSTORE-HK)	120 (12m x 10m)
15	WATER TANK & PUMP HOUSE	40 (8m x 5m)
16	AUTOMATIC WASHING MACHINE	185 (25m x 7.4m)
20	OFFICE CONTAINER (2 STOREY)	300 (20m x 7.5m x 2)
21	LOCKER CHANGING ROOM AND OTHER STAFF FACILITIES (2 STOREY)	300 (20m x 7.5m x 2)

- GENERAL REQUIREMENT:**
- ALL PARKING SPACES SHALL BE SHELTERED.
 - NOISE/SMELL MITIGATION MEASURES SHALL BE IMPLEMENTED WHERE NECESSARY.
 - CONCRETE PAVEMENT SHALL BE ADOPTED UNLESS OTHERWISE STATED.

- PARKING SPACE**
- REFUSE TRUCKS : (3.5m x 11m) 50 NOS.
 - LIGHT VEHICLES : (2.5m x 6m) 49 NOS.
 - TRUCKS/WATER TRUCKS : (3m x 8m) 85 NOS.
 - MOTOR CYCLE : (1m x 3m) 6 NOS.

- LEGEND:**
- BOUNDARY OF EXISTING FEHD DEPOT
 - - - BOUNDARY OF TEMPORARY CAR PARK AREA
 - FACILITY
 - △ ENTRANCE
 - TRAFFIC MOVEMENT



Highways Department 路政署
 Major Works Project Management Office

CENTRAL - WAN CHAI BYPASS AND IEC LINK

FEHD WHITFIELD DEPOT
 TEMPORARY CARPARK AREA
 (STAGE 2)

AECOM

DRG.NO. ANNEX 2

DESIGNED BY RP
 SCALE A1 1 : 500
 A3 1 : 1000
 DIMENSIONS ARE IN METRES

CONTRACT NO. WYP
 STATUS 預備

P. DIR. APPROVED 簽名

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Existing Condition Under the IEC Bridges



Proposed Hoarding Arrangement at the Temporary Carpark Area

SCALE	-	DATE	JULY 2009
CHECK	-	DRAWN	-
JOB No.	60095653	FIGURE No.	ANNEX 3
		REV	-



Existing Condition of the Open Spaces at IEC



Proposed Roof Shelter Arrangement at the Temporary Carpark Area

SCALE	-	DATE	JULY 2009
CHECK	-	DRAWN	-
JOB No.	60095653	FIGURE No.	ANNEX 4
		REV	-