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**ACE-EIA Paper 4/2009**

*For advice*

**Environmental Impact Assessment Ordinance (Cap. 499)**  
**Environmental Impact Assessment Report**  
**Construction of a Secondary Boundary Fence and**  
**New Sections of Primary Boundary Fence and Boundary Patrol Road**

**PURPOSE**

This paper presents the key findings and recommendations of the Environmental Impact Assessment (EIA) report on the Construction of a Secondary Boundary Fence (SBF) and New Sections of Primary Boundary Fence (PBF) and Boundary Patrol Road (BPR) (hereafter known as the Project), submitted under section 6(2) of the Environmental Impact Assessment Ordinance (EIAO) (Application No. EIA-161/2008). The applicant, the Secretary for Security, and their consultants will make a presentation at the EIA Subcommittee meeting if necessary.

**ADVICE SOUGHT**

2. Members' views are sought on the findings and recommendations of the EIA report pursuant to section 7 of the EIAO.

**NEED FOR THE PROJECT**

3. The coverage of the Frontier Closed Area will be substantially reduced. As a result, the construction of new sections of the PBF and the SBF is needed to ensure the effective safeguarding of the boundary integrity and security, and to prevent and combat illegal immigration and other cross-boundary crimes.

## DESCRIPTION OF THE PROJECT

4. The total length of the Project is about 21.7 km from west of Pak Hok Chau to east of Sha Tau Kok and is divided into four sections. The location of the Project is shown in the attached figure. The Project scope is described below:

- a) for sections where the existing PBF runs along the southern edge of the BPR, the construction of a new fence with sensor alarm system on the northern edge of the BPR as part of the PBF whereas the existing PBF will become the SBF;
- b) the conversion of the existing maintenance service road along the Shenzhen River to the north of the Lok Ma Chau Loop and Hoo Hok Wai into a new section of the BPR with a PBF and a SBF;
- c) the construction of two new sections of BPR with a PBF and a SBF at Pak Fu Shan and northwest of Lin Ma Hang Village; and
- d) the construction of one checkpoint at Sha Tau Kok, the replacement of the existing checkpoint at Pak Hok Chau and the removal of four existing checkpoints at Lok Ma Chau, Sha Ling, Ping Che and Shek Chung Au.

5. Section 1 and part of Section 2 (see the attached figure) of the Project fall within the “Conservation Area” zone on two Outline Zoning Plans (OZPs), namely the Mai Po and Fairview Park OZP and the San Tin OZP. The Project is classified as a designated project under Item Q.1, Schedule 2 of the EIAO: *‘a project partly in an existing conservation area’*.

## SPECIFIC ENVIRONMENTAL ASPECTS TO HIGHLIGHT

### Ecology

6. Section 1 of the Project partly falls within the Mai Po Inner Deep Bay Ramsar Site and is near the Tam Kon Chau Egrettry. A twelve-month ecological survey was conducted. In order to minimize the potential ecological disturbance to the wetland-dependent birds and the breeding ardeids, the EIA report recommends the following mitigation measures:

- a) the construction works using power mechanical equipments shall not be allowed within the Wetland Conservation Area between 15<sup>th</sup> November and 15<sup>th</sup> March inclusive in any consecutive year; and
- b) no excavation works shall be carried out within the 150 m buffer area from the Tam Kon Chau Egrettry between 1<sup>st</sup> March to 31<sup>st</sup> July inclusive.

### Cultural Heritage

7. An archaeological survey was completed for the proposed project. The project proponent further committed to undertake a supplementary archaeological survey at Pak Fu Shan and Lin Ma Hang before the commencement of the construction works. If the archaeological survey identifies archaeological interests in the works areas, appropriate mitigation measures will be designed and implemented before the commencement of the construction works.

### Landscape and Visual Impacts

8. The compensatory planting proposal includes the planting of 357 new trees utilizing a combination of mature to light standard sized stock (about 15% of mature trees, 75% of standard trees and 10% of light standard trees). With the proposed preservation of existing trees, the transplantation of trees and the planting of new trees, the Project area will contain approximately 2,000 trees.

### Other Environmental Impacts

9. The EIA report also assessed the impacts of air quality, construction noise, water quality and waste management aspects. The assessments concluded that, with appropriate mitigation measures in place, the anticipated environmental impacts in all these aspects could be controlled within the requirements of the Technical Memorandum on Environmental Impact Assessment Process.

## **ENVIRONMENTAL MONITORING AND AUDIT (EM&A)**

10. The EIA report includes an Environmental Monitoring and Audit (EM&A) Manual which recommends an EM&A programme during the construction phase of the Project.

## **PUBLIC CONSULTATION**

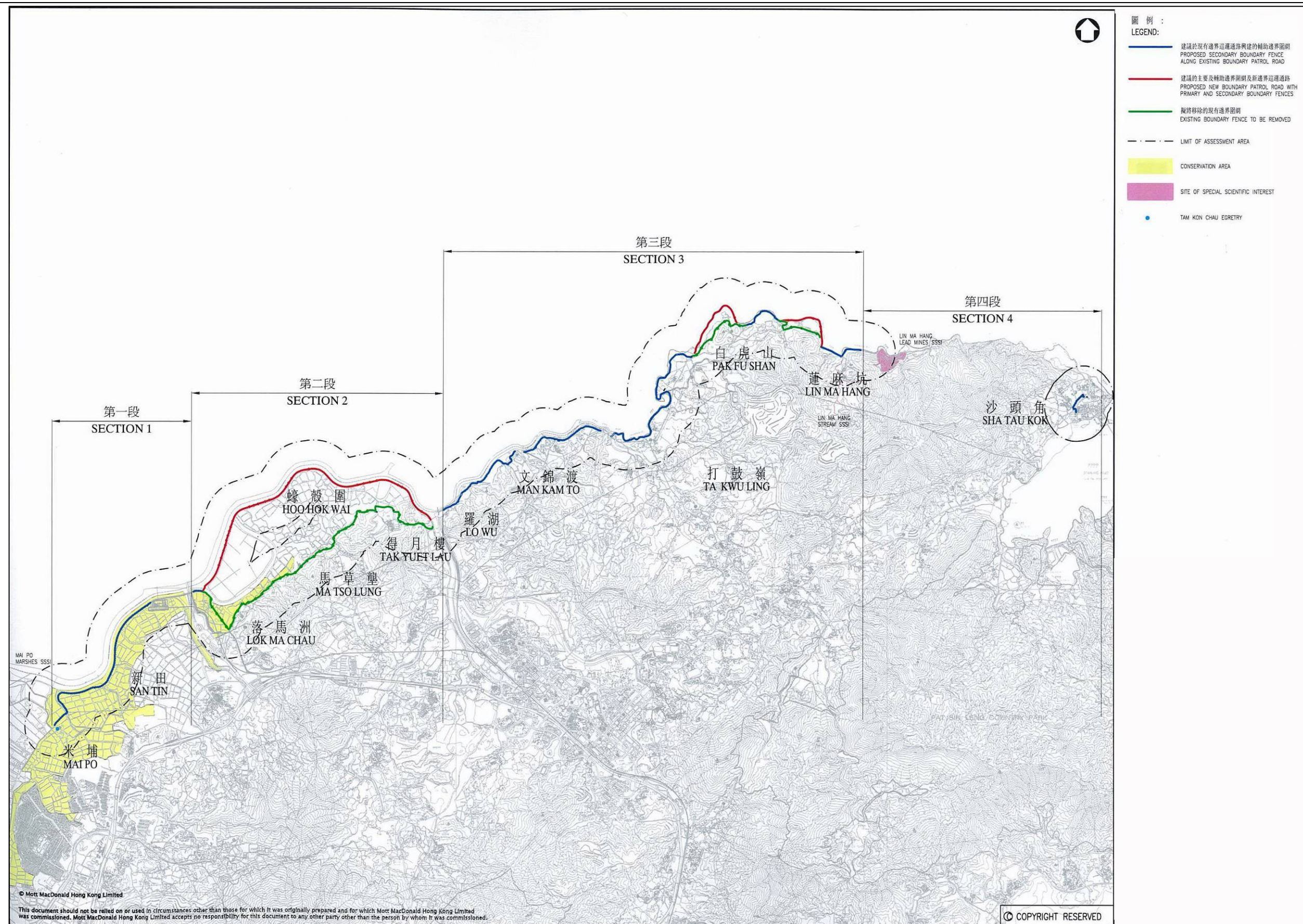
11. The applicant has made the EIA report, EM&A Manual and Executive Summary available for public inspection under the EIAO from 2 February 2009 to 3 March 2009. Members will be briefed on any comments received from the public at the meeting.

**February 2009**

**Environmental Assessment Division**

**Environmental Protection Department**





Project Title – Construction of a Secondary Boundary Fence and New Sections of Primary Boundary Fence and Boundary Patrol Road

**Figure:** Location Plan (Extracted from Figure 6.1 of the EIA Report)

