

For discussion on
27 August 2021

Legislative Council Panel on Home Affairs

New Facilities Building of the Hong Kong Sports Institute

PURPOSE

This paper seeks Members' comments on the proposal of the main works for the new facilities building of the Hong Kong Sports Institute (HKSI).

BACKGROUND

2. The HKSI is located at Yuen Wo Road, Sha Tin and was first completed in 1982. It is Hong Kong's elite sports training centre and is managed by the Hong Kong Sports Institute Limited. The Finance Committee (FC) of the Legislative Council (LegCo) approved a funding of \$1.8 billion on 13 June 2008 to implement the redevelopment project of the HKSI to increase its construction floor area from 26 000 square metres (m²) to 78 000m². The redevelopment project is comprised of the new main building which housed an athletes' canteen, an athletes' hostel, a lecture theatre, offices, etc.; the new Sports Complex Annex which housed a tenpin bowling centre, a wushu hall and squash courts; a new rowing centre and a new swimming complex. The redevelopment project was completed in 2014. It was then estimated that the redeveloped HKSI could meet the needs of the following 10 to 15 years. However, the pace of elite sports development in Hong Kong is faster than expected in recent years and the competition in the international sporting arena is becoming more intense. Therefore, it is necessary for us to further upgrade the facilities of the HKSI to help Hong Kong athletes continue to strive for outstanding results in honour of Hong Kong.

3. At the Panel on Home Affairs (HA Panel) meeting on 9 December 2019, Members supported the proposal of the pre-construction activities for the new facilities building of the HKSI. Subsequently, with the support of the Public Works Subcommittee (PWSC) at its meeting on 27 May 2020, the Government's funding of \$54.70 million (in money-of-the-day (MOD) prices) for the related pre-construction

activities was approved by the FC at its meeting on 2 July 2020.

CONSIDERATION

4. The Government fully supports elite sports development. We established the Elite Athletes Development Fund in 2011-12 to provide annual funding to the HKSI for the training of elite athletes in Hong Kong. With long-term and comprehensive support services, the overall performance of Hong Kong athletes has improved greatly in recent years. There have been remarkable achievements in various sports. The Hong Kong, China Delegation performed with distinction at the Tokyo Olympic Games, achieving the best results of one gold, two silver and three bronze medals in Hong Kong history, with a number of athletes breaking Hong Kong records or attaining personal best results. The entire community was lifted by the excellent performance of our athletes. The facilities and support provided by the HKSI to elite athletes should stay abreast of latest developments to continuously take forward elite sports development in Hong Kong effectively.

(a) Significant increase in number of athletes

5. The total number of athletes at the HKSI has almost doubled from 651 in 2007-2008 to around 1 300 currently¹. In particular, the number of full-time athletes has increased from 153 in 2007-2008 to 547 in 2021-22 (as at August 2021), representing an increase of about 258%. This is significant to the development of elite sports in Hong Kong because full-time athletes² have a higher chance in winning medals in major events.

6. In recent years, secondary school and tertiary institutions have been providing more flexible education support to student athletes while “national sports associations” (NSAs) have been training young athletes in a more in-depth and comprehensive manner. These have helped us identify more junior athletes with potential and build a stronger feeder system to provide sufficient new blood for elite sports in Hong Kong. Over the past decade, there has been a significant upward trend in the number of junior elite athletes coming through the feeder system, which

¹ In 2021-22 (as at August 2021), athletes receiving training in the HKSI include 420 full-time senior athletes, 97 non-full-time senior athletes, 127 full-time junior athletes, 279 non-full-time junior athletes and 245 potential athletes.

² For example, all 46 athletes participating in the Tokyo OG were full-time athletes.

has almost doubled from 206 in 2007-08 to 406 in 2021-22 (as at August 2021). Meanwhile, the number of full-time junior athletes has increased by 452% from 23 in 2007-08 to 127 in 2021-22 (as at August 2021).

7. In addition, the HKSI provides accommodation to elite athletes to ensure that they have full access to an elite sport lifestyle including speedy recovery after regular training and competitions. There are currently 211 rooms in the athletes' hostel, providing around 446 hostel places in total. The HKSI converted 26 rooms of the 74 rooms for guest accommodation at the sports residence for use as athletes' hostel. Since it is necessary for the HKSI to accommodate training partners and international teams during their training and exchange with elite athletes in Hong Kong, further conversion of guest accommodation for athletes' use will not be feasible. Under the COVID-19 epidemic, coaches and support staff of the HKSI were accommodated at the sports residence if needed to enable full-time athletes to continue to actively prepare for the OG and receive comprehensive support services during closed camps of the HKSI. It is proposed that the new facilities building will provide a 50-room guest residence. Upon its completion, the remaining rooms of the existing sports residence will be converted for use as athletes' hostel on a need basis.

(b) Increase in number of elite sports

8. The number of elite sports has increased from 11 in 2007-08 to the current 20 Tier A elite sports and 13 Tier B elite sports. To meet the needs arisen from the new elite sports, it is necessary for the HKSI to develop new training facilities. As different sports will continue to enter and leave the elite sports system due to their performances in the international arena, any development of new training facilities should be multi-functional.

9. The Government has implemented the long-term support system for elite disability sports in 2019-20. With the increased requirements for disability sports, and the continuing increase in full-time able-bodied and disabled athletes, the HKSI must add appropriate facilities to meet such needs.

(c) Support on Sports Science and Sports Medicine

10. The outstanding achievements of Hong Kong athletes hinge on the provision of professional training and support services. As quite a number of Hong

Kong athletes have successfully attained higher world rankings, the relevant sports science and sports medicine support services become more crucial in enhancing the effectiveness of training, avoiding injuries and enabling speedy recovery after competitions for athletes. Support on sports science and sports medicine is crucial to improving the performance of our top athletes and increasing their chances of winning medals in major international games such as the Olympic Games and the Asian Games. The HKSI has also rolled out dedicated medical support for elite sports.

11. The existing sports complex originally built in 1982 was refurbished in 2009 using the existing structural framework. However, the structure built 40 years ago has restricted the introduction of facilities related to sports science and sports medicine and limited the HKSI's provision of sports science and sports medicine support to athletes. Meanwhile, the significant increase in the number of elite athletes and elite sports has increased the demand for sports science and sports medicine, which has resulted in a 242% increase in the number of sports science and medicine servicing sessions provided to athletes from 23 660 in 2007 to 80 813 in 2020. The HKSI will need the new facilities building to meet the spacing and building requirements of the sports science and sports medicine facilities.

NEW FACILITIES BUILDING PROJECT

12. The HKSI has finalised the detailed design of the new facilities building. The construction site will be located within the HKSI campus and the project will include the construction of a new facilities building and the repurposing of the vacated parts of the existing sports complex. The new facilities building is located between the rowing centre to the South and the swimming complex to the North, on a construction site of around 6 700m². It is expected to be three-storey high³, which is similar to the height of the swimming complex, with a net operating floor area (NOFA) of about 8 935m². The major facilities to be provided by the HKSI are largely identical to those presented to the HA Panel on 9 December 2019, including –

- (a) an around 1 400m² multi-purpose column-free training hall suitable for a number of current and potential future sports, for example, table tennis, fencing, basketball, handball and futsal;

³ The new facilities building will include Ground Floor, Mezzanine Floor, First Floor and Second Floor.

- (b) an around 400m² multi-purpose training venue suitable for a number of current and potential future sports, for example, karatedo, judo, taekwondo, sanda and dance sports;
- (c) an around 3 330m² scientific conditioning centre including two fitness training venues, an environmental chamber and a scientific assessment laboratory, which will be 169% larger than the existing area;
- (d) an around 850m² sports medicine centre including treatment rooms, functional and mobility assessment and training areas as well as recovery facilities, which will be 29% larger than the existing area;
- (e) an around 180m² sport psychology centre including a psychological and electroencephalogram testing laboratory as well as consultation rooms, which will be 47% larger than the existing area;
- (f) an around 370m² sport biomechanics centre including both motion analysis and technology innovation laboratories, which will be 155% larger than the existing area;
- (g) an around 285m² sport nutrition and monitoring centre including consultation rooms, a biochemistry laboratory and a DEXA (dual energy X-ray absorptiometry) body composition assessment room, which will be 149% larger than the existing area;
- (h) a 50-room sports residence area for visiting teams/exchange programmes, including 5 rooms for persons with disabilities; and
- (i) around 810m² general offices.

13. In addition, as the facilities in the new facilities building will replace existing facilities on strength and conditioning, sports science and sports medicine in the sports complex, the HKSI will renovate and repurpose the vacated parts of the sports complex and provide a NOFA of around 2 935m². The major facilities to be provided are largely identical to those presented to the HA Panel on 9 December 2019, including –

- (a) an around 425m² day rest room for athletes not living in the athletes' hostel, with a capacity for around 50 athletes at any one time;
- (b) an around 1 012m² sports venue for athletes with disabilities;
- (c) an around 402m² multi-sports venue;
- (d) an around 154m² seminar room (partitionable to two 75m² rooms) with a full capacity of 100 people;
- (e) an around 71m² meeting room (partitionable into two 35m² rooms) with a full capacity of 40 people; and
- (f) around 871m² general offices, storage space and changing rooms to accommodate current inadequate staff office and projected future staffing and operational needs.

14. The site plan, artist's impressions and floor plans of the new facilities building are at **Annexes 1, 2 and 3** respectively.

PROJECT ESTIMATE AND IMPLEMENTTION TIMETABLE

15. The estimated cost of the main works for the new facilities building is around \$986.6 million in MOD prices.

16. The HKSI plans to commence the main works upon obtaining the FC's funding approval for completion in around four years. The HKSI will strive to complete the new facilities building in mid-2024 and complete renovating and repurposing the vacated parts of the sports complex in mid-2025.

PUBLIC CONSULTATION

17. The project is located within the HKSI campus. There are no residential developments in its immediate vicinity. The project will not affect residents nearby. In April to June 2017, the HKSI held numerous meetings to listen to the views of stakeholders in the sports sector, including the Sports Federation and Olympic Committee of Hong Kong, China, NSAs, coaches and athletes. These views have

been given full consideration by the HKSI in preparing for the new facilities building.

18. At the HA Panel meeting on 9 December 2019, Members supported the proposal of the pre-construction activities for the new facilities building. On 2 July 2020, the FC approved the funding for the related pre-construction activities.

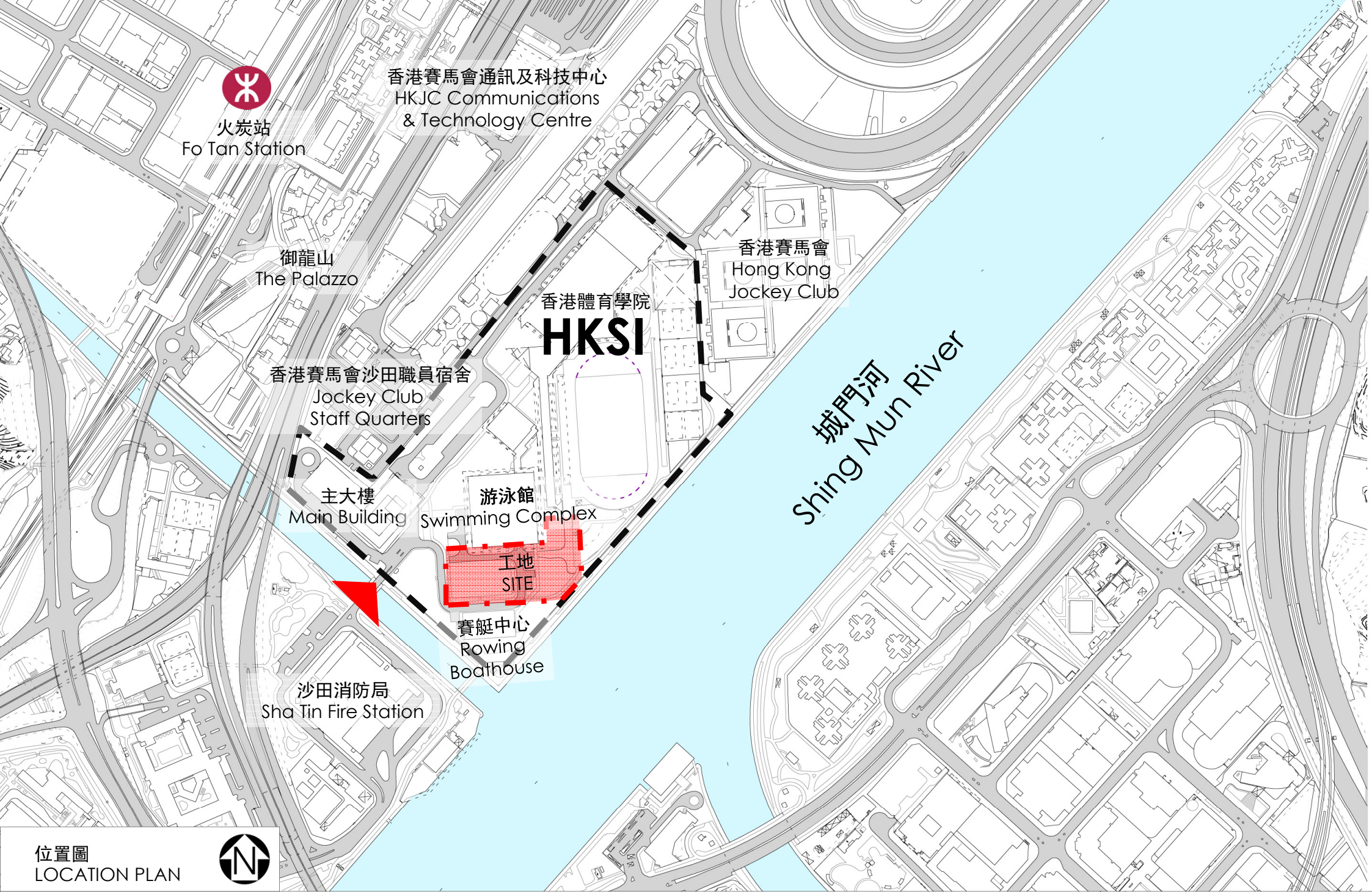
19. On 10 August 2021, the Chief Executive announced various measures conducive to the sustainable development of sports in Hong Kong, including expediting the new facilities building project of the HKSI. The Government will strive to have the funding approved by the PWSC and the FC before the current term of the LegCo ends in late October 2021, so that works can commence as early as possible. The related measures are well received and generally supported by the sports sector and members of the public.

WAY FORWARD

20. Subject to Members' support, we plan to consult the PWSC and apply for funding from the FC for the commencement of the main works for the new facilities building of the HKSI.

Home Affairs Bureau

August 2021



火炭站
Fo Tan Station

香港賽馬會通訊及科技中心
HKJC Communications
& Technology Centre

御龍山
The Palazzo

香港賽馬會
Hong Kong
Jockey Club

香港體育學院
HKSI

香港賽馬會沙田職員宿舍
Jockey Club
Staff Quarters

主大樓
Main Building

游泳館
Swimming Complex

工地
SITE

賽艇中心
Rowing
Boathouse

沙田消防局
Sha Tin Fire Station

城門河
Shing Mun River

位置圖
LOCATION PLAN



Project Title 項目名稱
香港體育學院新設施大樓
NEW FACILITIES BUILDING OF THE HONG KONG SPORTS INSTITUTE

附件一
Annex 1



工地平面圖
SITE PLAN



Project Title 項目名稱
香港體育學院新設施大樓
NEW FACILITIES BUILDING OF THE HONG KONG SPORTS INSTITUTE

附件一
Annex 1



從城門河岸望向大樓的構思圖
PERSPECTIVE VIEW FROM SHING MUN RIVERBANK (ARTIST'S IMPRESSION)

Project Title 項目名稱
香港體育學院新設施大樓
NEW FACILITIES BUILDING OF THE HONG KONG SPORTS INSTITUTE

附件二
Annex 2

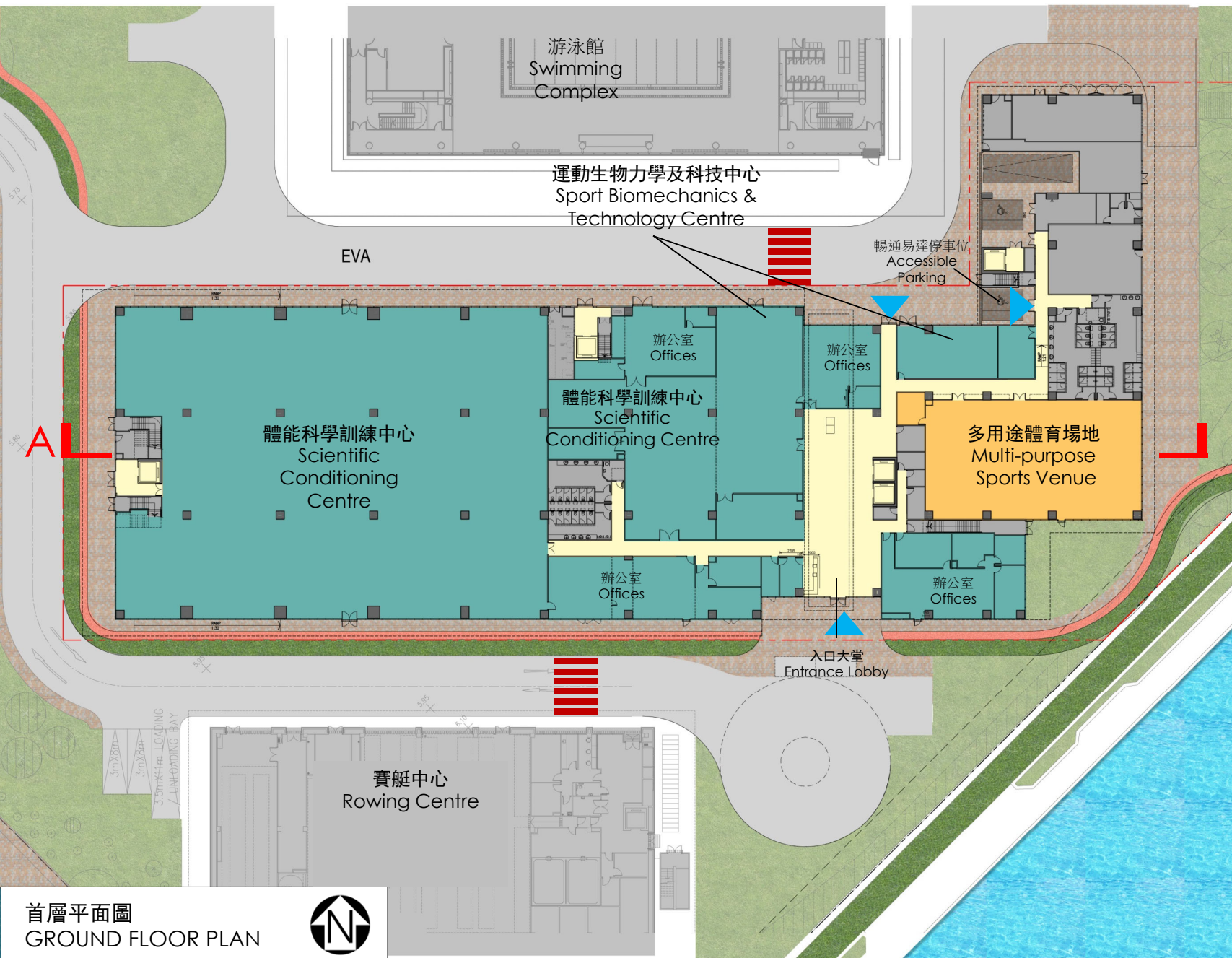


從主大樓望向大樓的構思圖
PERSPECTIVE VIEW FROM MAIN BUILDING (ARTIST'S IMPRESSION)

Project Title 項目名稱
香港體育學院新設施大樓
NEW FACILITIES BUILDING OF THE HONG KONG SPORTS INSTITUTE

附件二
Annex 2

-  無障礙出入口
Barrier-Free Entrance/Exit
-  園景綠化
Landscaped Area
-  工地界線
Site Boundary
-  車道
Driveway
-  行人過路處
At-grade Pedestrian Crossing
-  訓練用地
Sports Training
-  精英訓練科技科
Elite Training Science & Technology Division
-  走廊/升降機
Corridor/Lifts
-  機房/後勤配套
Plant Rooms/Support Areas



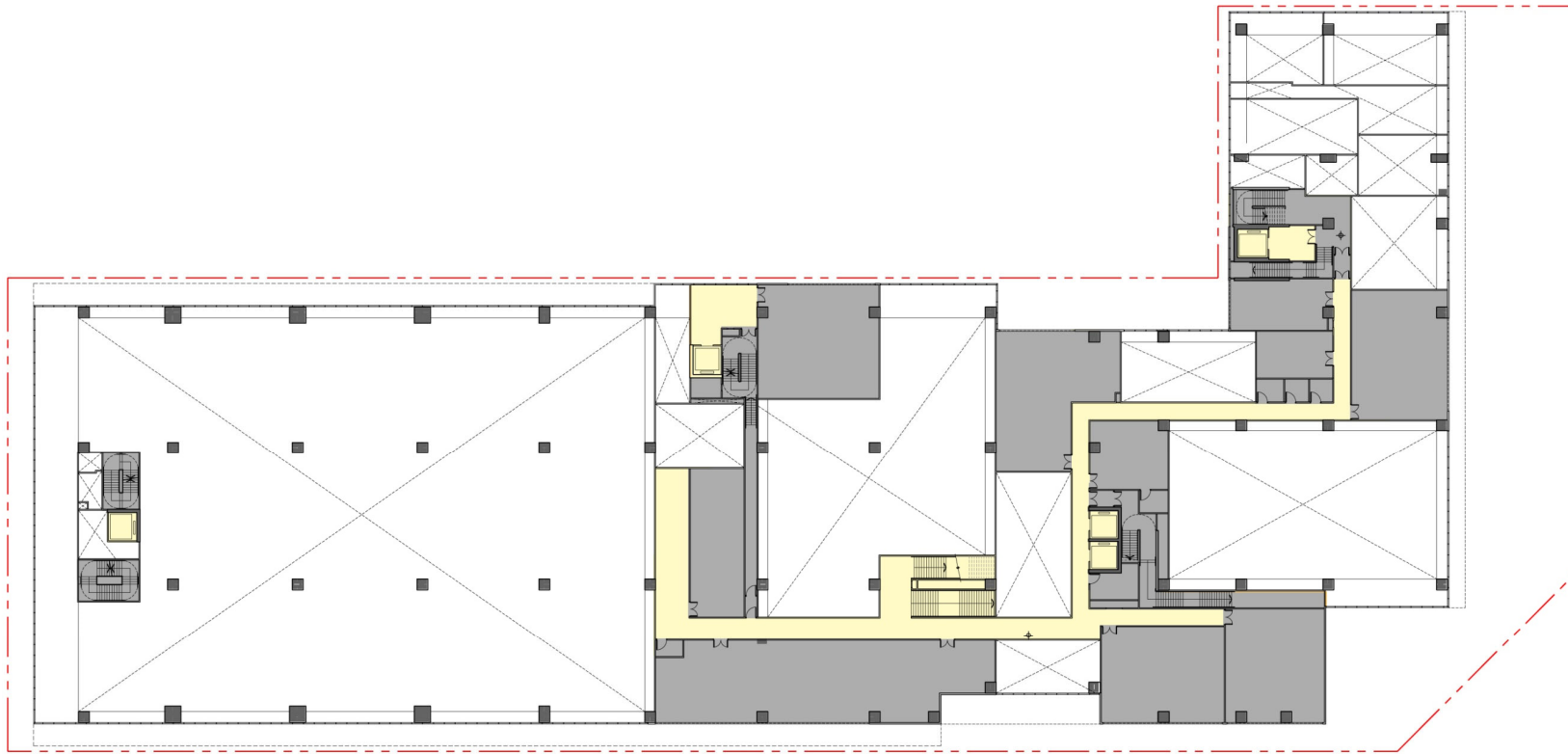
首層平面圖
GROUND FLOOR PLAN



- 走廊/升降機
Corridor/Lifts

機房/後勤配套
Plant Rooms/Support Areas

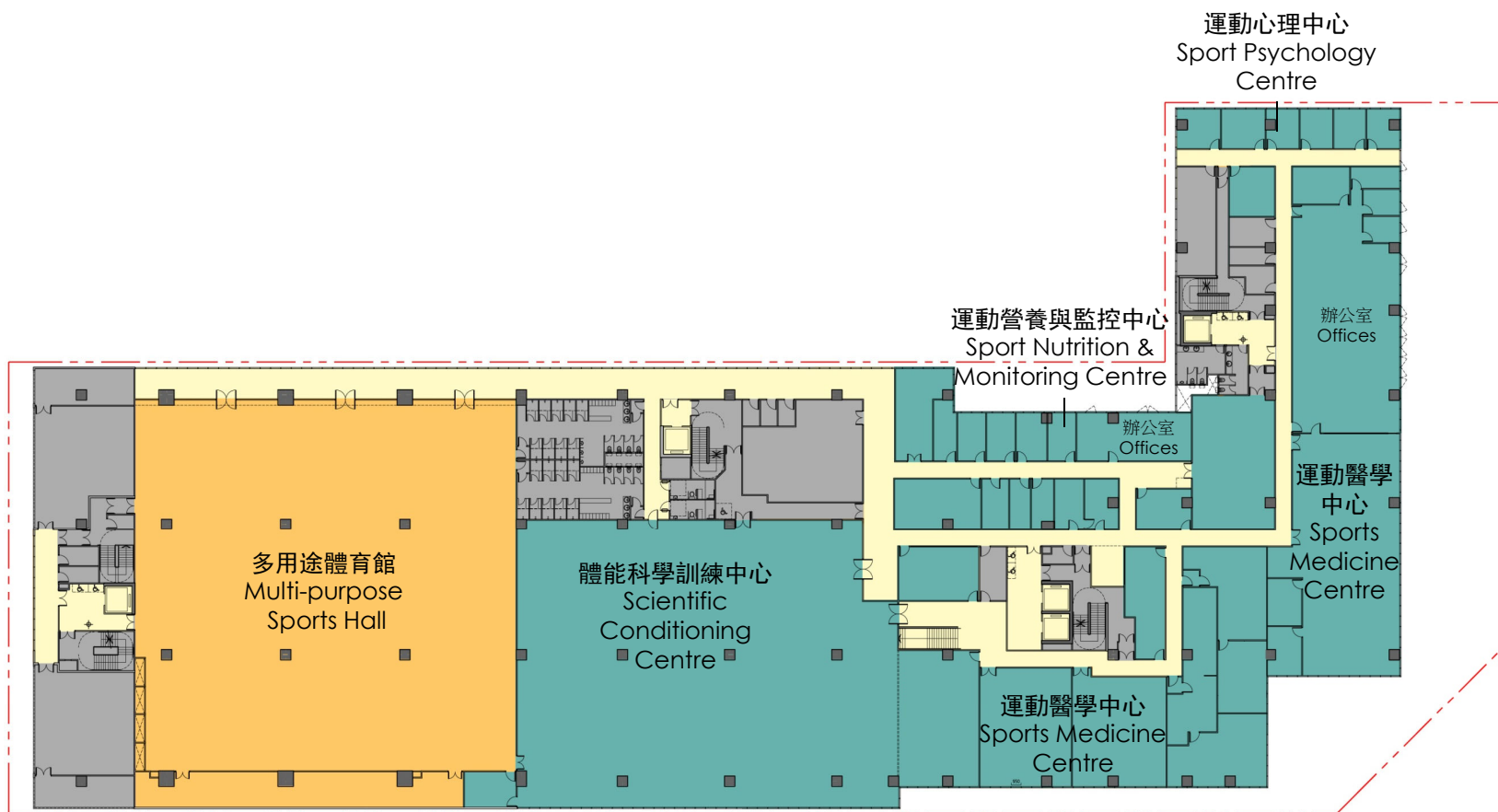
高淨空房間的上面空間
Empty Space Above High
Headroom Space



夾層平面圖
MEZZANINE FLOOR PLAN



- 訓練用地
Sports Training
- 精英訓練科技科
Elite Training Science & Technology Division
- 走廊/升降機
Corridor/Lifts
- 機房/後勤配套
Plant Rooms/Support Areas



一層平面圖
FIRST FLOOR PLAN



- 體育旅舍
Sports Residence
- 走廊/升降機
Corridor/Lifts
- 機房/後勤配套
Plant Rooms/Support Areas
- 高淨空房間的上面空間
Empty Space Above High Headroom Space



二層平面圖
SECOND FLOOR PLAN



■ 機房
Plant Rooms



天台平面圖
ROOF FLOOR PLAN



- 訓練用地
Sports Training
- 精英訓練科技科
Elite Training Science & Technology Division
- 體育旅舍
Sports Residence
- 走廊/升降機
Corridor/Lifts
- 機房/後勤配套
Plant Rooms/Support Areas



A-A 剖面圖
SECTION A-A