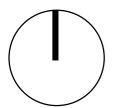
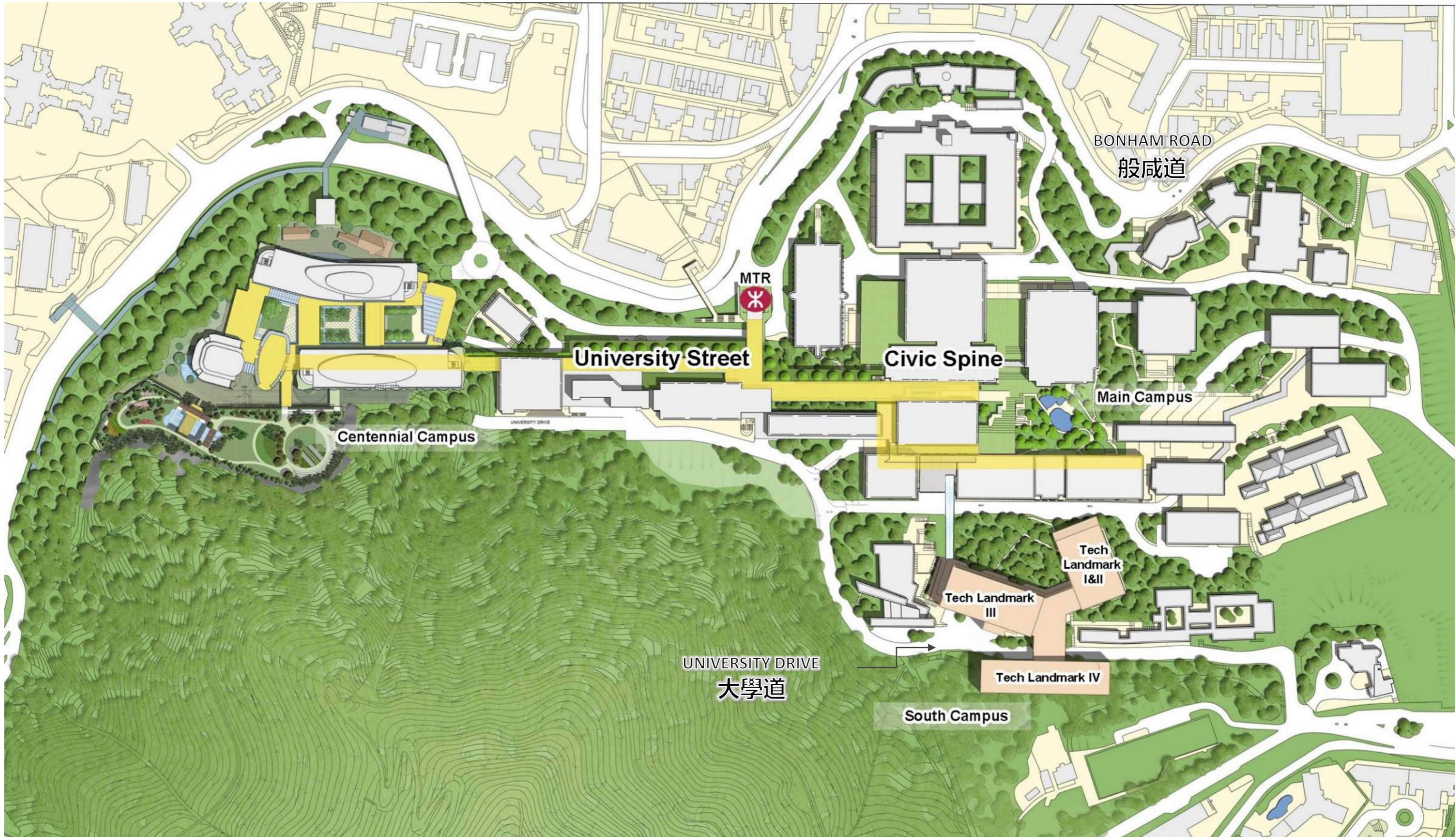


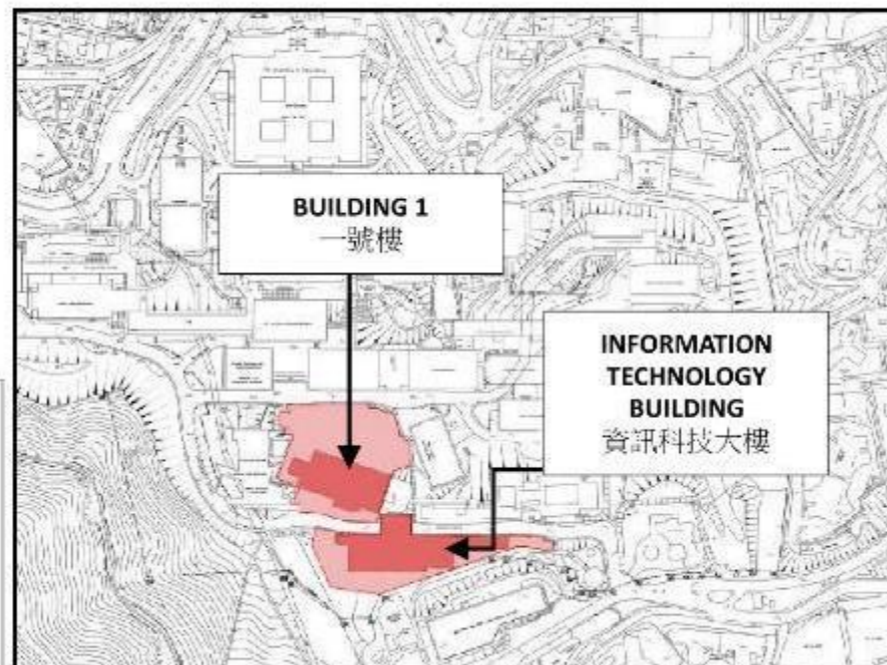
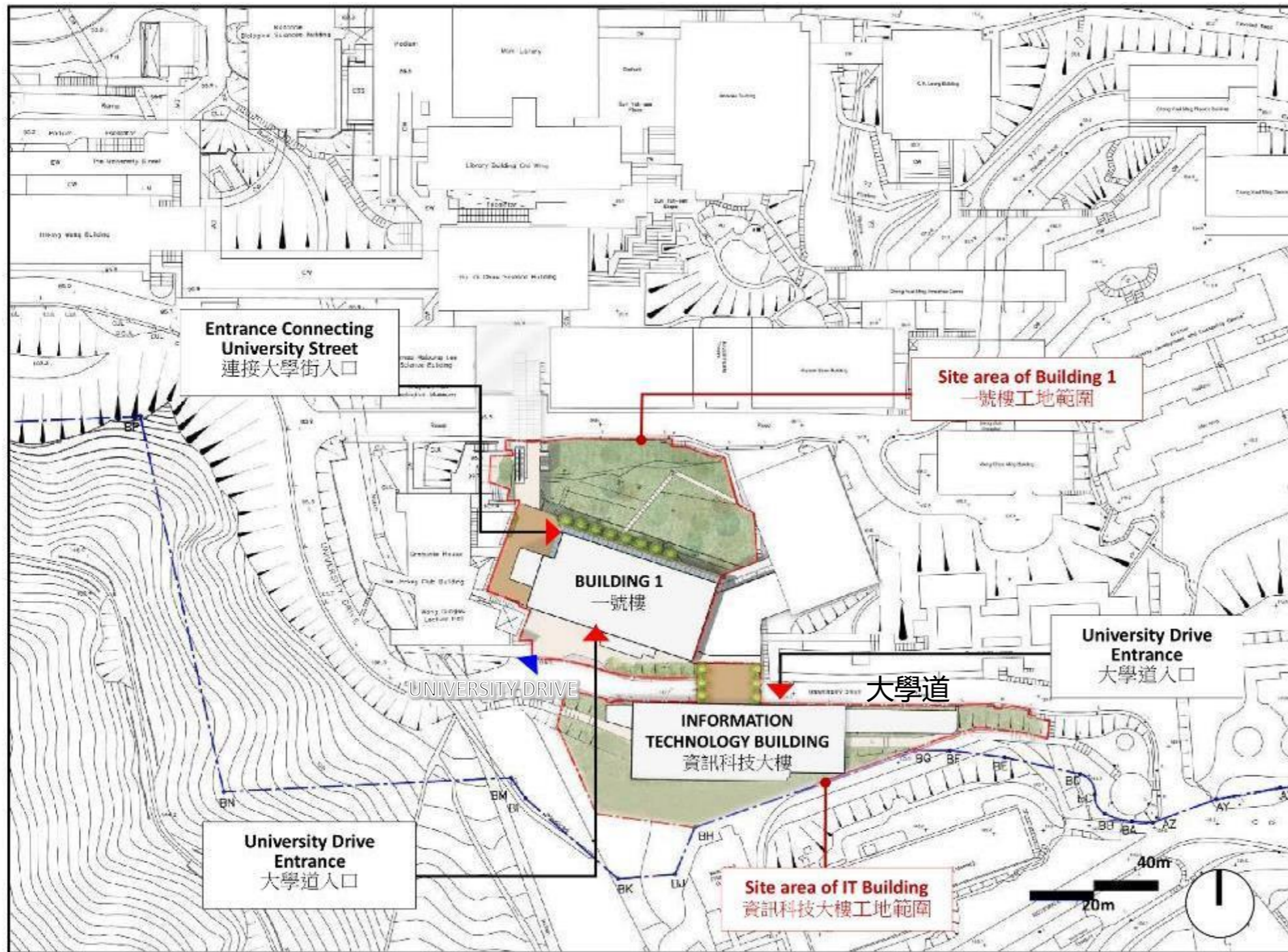


**8056EG – Redevelopment of No. 2 University Drive (Building 1)**

**8064EG – Information Technology Building at University Drive**



# HKU Campus Plan



# Site Plan

## 8056EG

### Redevelopment of No.2 University Drive (Building 1)

- Dedicated to the theme of molecular and macromolecular technology
- Around 20 teams will conduct research in the new building
- The interior of the building will adopt an open plan design with shared space for study lounge with a view to facilitating interaction and collaboration
- Specific laboratories:
  - a) Core Analytical and Instrumental Facilities –
    - Mass Spectrometry suite
    - Nuclear Magnetic Resonance suite
    - Microscopy suite
  - b) Molecular and Macromolecular Technology Laboratories –
    - Primary wet laboratories for advanced molecular science, biomolecular and biomedical engineering as well as soft robotics disciplines



**Objectives**

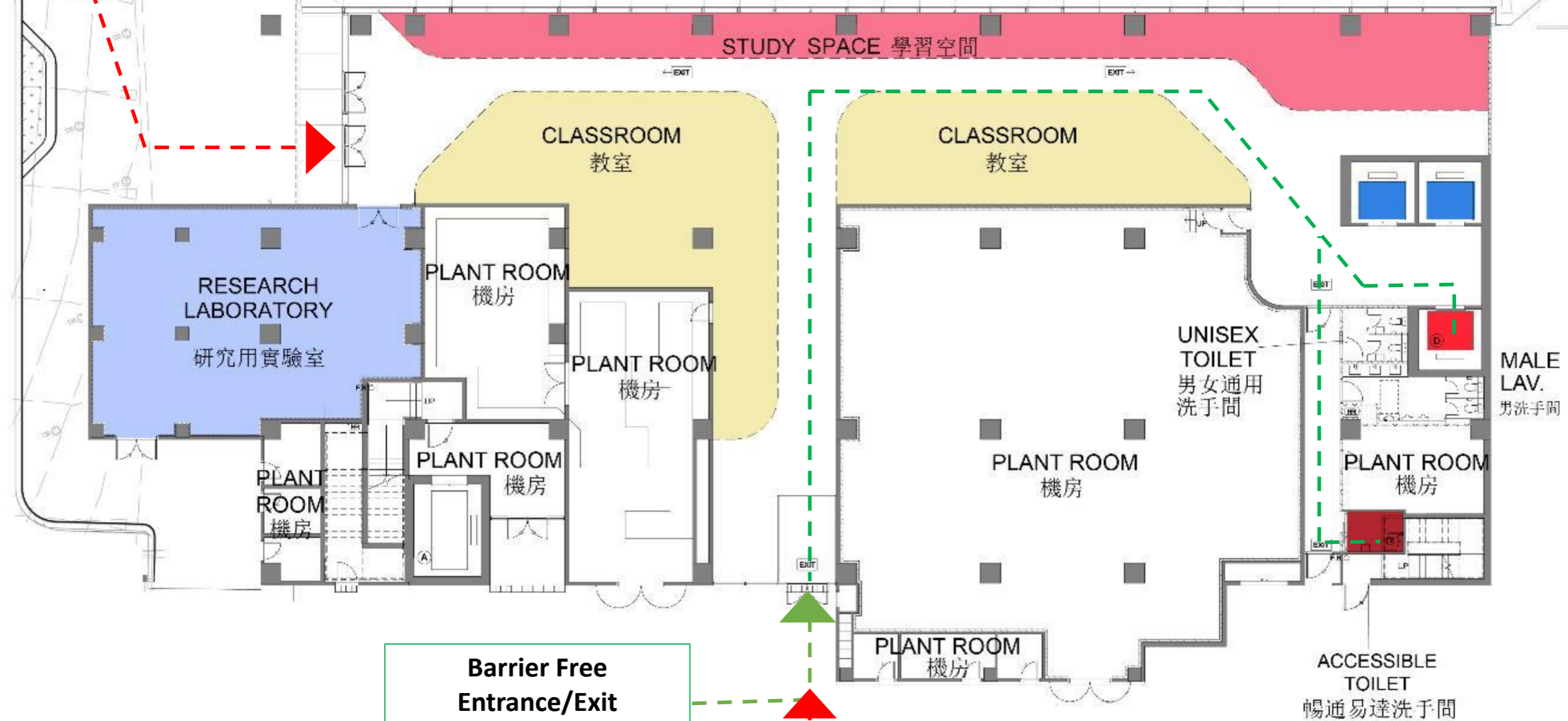


**Building 1 – View from northwest**



**Building 1 – View from southwest**









**Entrance Connecting University Street**  
 連接大學街入口

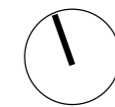


**Barrier Free Entrance/Exit**  
 無障礙出入口

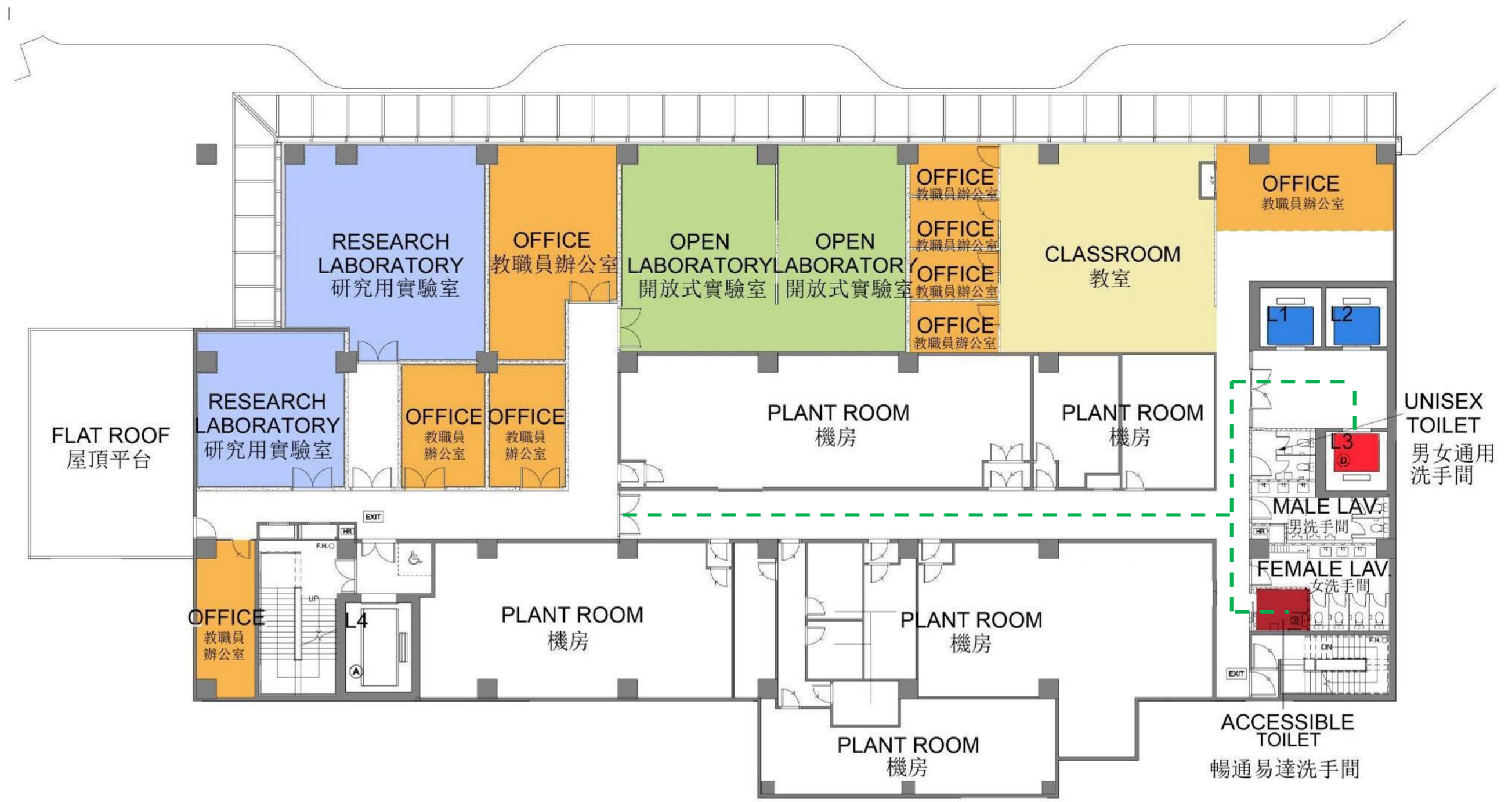
**University Drive Entrance**  
 大學道入口

**LEGEND :**







- |   |  |
|---|--|
|  CLASSROOM 教室               |  OFFICE 教職員辦公室             |
|  STUDY SPACE 學習空間           |  ACCESSIBLE TOILET 暢通易達洗手間 |
|  TEACHING LABORATORY 教學用實驗室 |  ACCESSIBLE LIFT 暢通易達升降機   |
|  OPEN LABORATORY 開放式實驗室     |  PASSENGER LIFT 客用升降機      |
|  RESEARCH LABORATORY 研究用實驗室 |  BARRIER FREE ACCESS 無障礙通道 |



**Building 1 – G/F Plan**



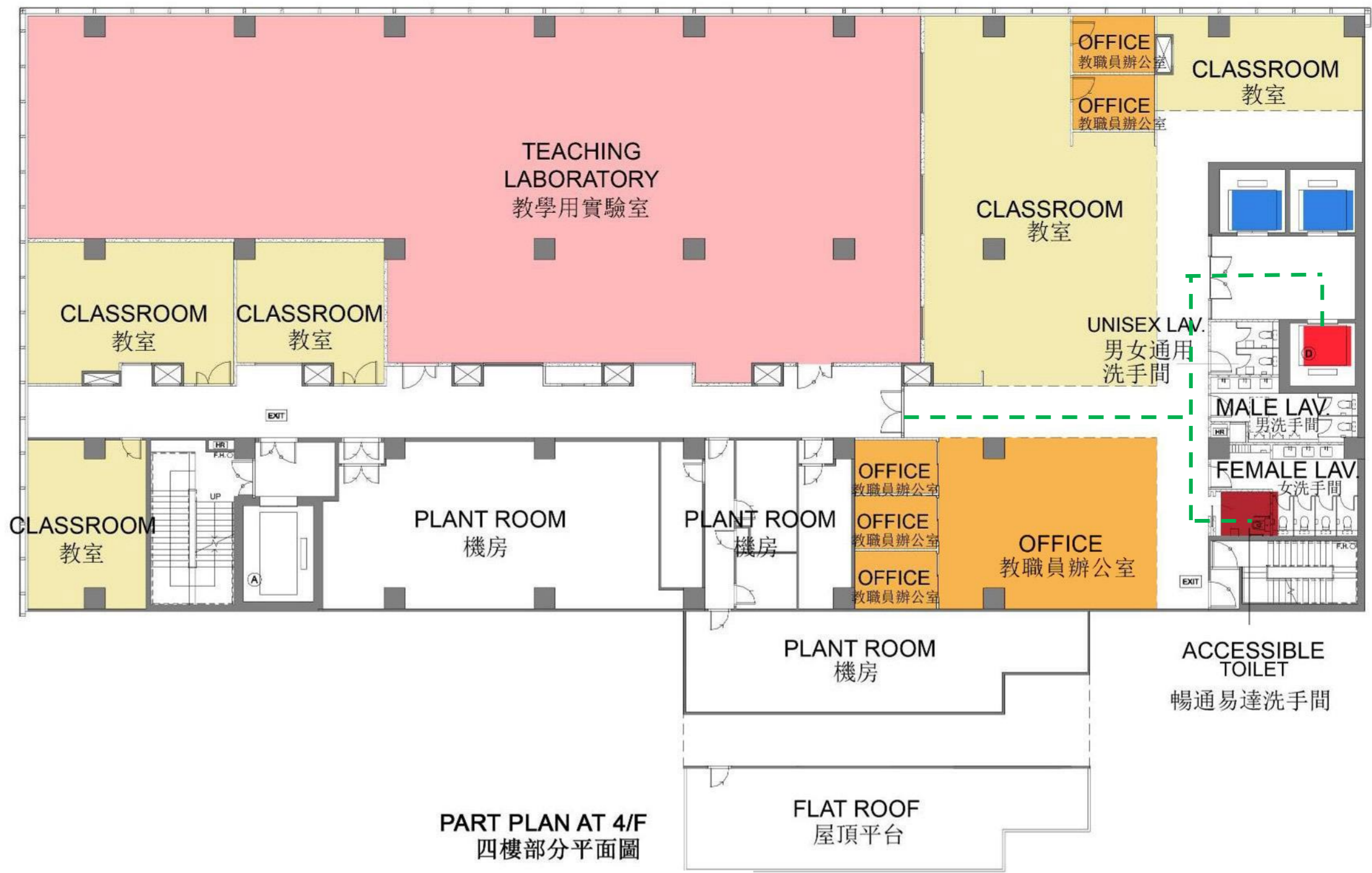
**LEGEND :**

- |   |  |
|---|--|
|  CLASSROOM 教室               |  OFFICE 教職員辦公室             |
|  STUDY SPACE 學習空間           |  ACCESSIBLE TOILET 暢通易達洗手間 |
|  TEACHING LABORATORY 教學用實驗室 |  ACCESSIBLE LIFT 暢通易達升降機   |
|  OPEN LABORATORY 開放式實驗室     |  PASSENGER LIFT 客用升降機      |
|  RESEARCH LABORATORY 研究用實驗室 |  BARRIER FREE ACCESS 無障礙通道 |




# Building 1 – 1/F Plan



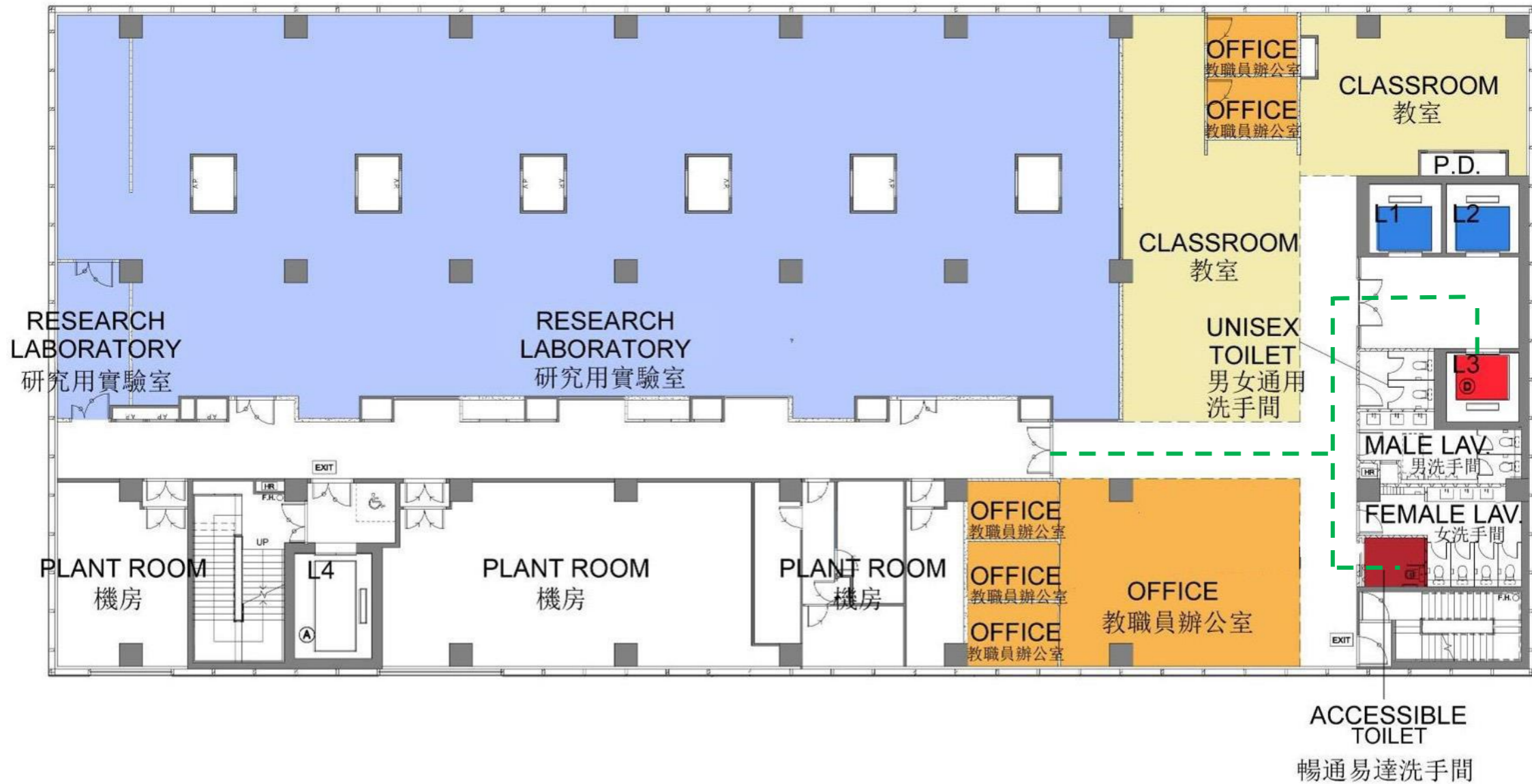


**LEGEND :**







- |   |  |
|---|--|
|  CLASSROOM 教室               |  OFFICE 教職員辦公室             |
|  STUDY SPACE 學習空間           |  ACCESSIBLE TOILET 暢通易達洗手間 |
|  TEACHING LABORATORY 教學用實驗室 |  ACCESSIBLE LIFT 暢通易達升降機   |
|  OPEN LABORATORY 開放式實驗室     |  PASSENGER LIFT 客用升降機      |
|  RESEARCH LABORATORY 研究用實驗室 |  BARRIER FREE ACCESS 無障礙通道 |



# Building 1 – 2/F to 4/F Plan



**LEGEND :**

- |   |  |
|---|--|
|  CLASSROOM 教室               |  OFFICE 教職員辦公室             |
|  STUDY SPACE 學習空間           |  ACCESSIBLE TOILET 暢通易達洗手間 |
|  TEACHING LABORATORY 教學用實驗室 |  ACCESSIBLE LIFT 暢通易達升降機   |
|  OPEN LABORATORY 開放式實驗室     |  PASSENGER LIFT 客用升降機      |
|  RESEARCH LABORATORY 研究用實驗室 |  BARRIER FREE ACCESS 無障礙通道 |

**Building 1 – 5/F to 8/F Plan**

Facilities	Estimated floor area in net operational floor area (NOFA)
Laboratories	Approx. 4 200 m <sup>2</sup>
Classrooms	Approx. 1 800 m <sup>2</sup>
Offices	Approx. 1 000 m <sup>2</sup>
Study Space	Approx. 100 m <sup>2</sup>
<b>Total</b>	<b>Approx. 7 100 m<sup>2</sup></b>

## Building 1 – Schedule of Accommodation

	<b>Date</b>	<b>Item</b>
2019	Nov	Submission of full set of draft tender document for UGC/ArchSD's vetting
2020	Feb	Tendering for Main Contract
2020	Nov	Consultation of Panel on Education
2020	Dec	Seeking endorsement from PWSC
2021	Jan	Seeking approval from FC
2021	Feb	Commencement of Demolition Works
2021	Jul	Commencement of Site Formation
2021	Oct	Commencement of Piling Works
2022	Jul	Commencement of Superstructure Construction Works
2024	Within 2024	Works Completion

## **Building 1 – Programme**

## 8064EG

### Information Technology Building at University Drive

- For housing a data centre as well as teaching and learning facilities
- Re-organise IT facilities which are currently scattered and dispersed in various locations on its campus
- Include a new data centre that will serve as a central hub of IT operations and equipment, with around 150 computer racks and related facilities to enhance the provision of IT service to members of the university community in the long run
- Teaching and learning facilities will also be provided in the proposed building to equip students with the capability in harnessing IT to enhance their learning experience
- Adopt an open plan design to support interactive learning, innovation and entrepreneurship
  - **co-working areas** to encourage students and alumni to collaborate in early stage start-up IT projects
  - **shared space** to facilitate meaningful exchanges among young innovators, entrepreneurs and pioneers



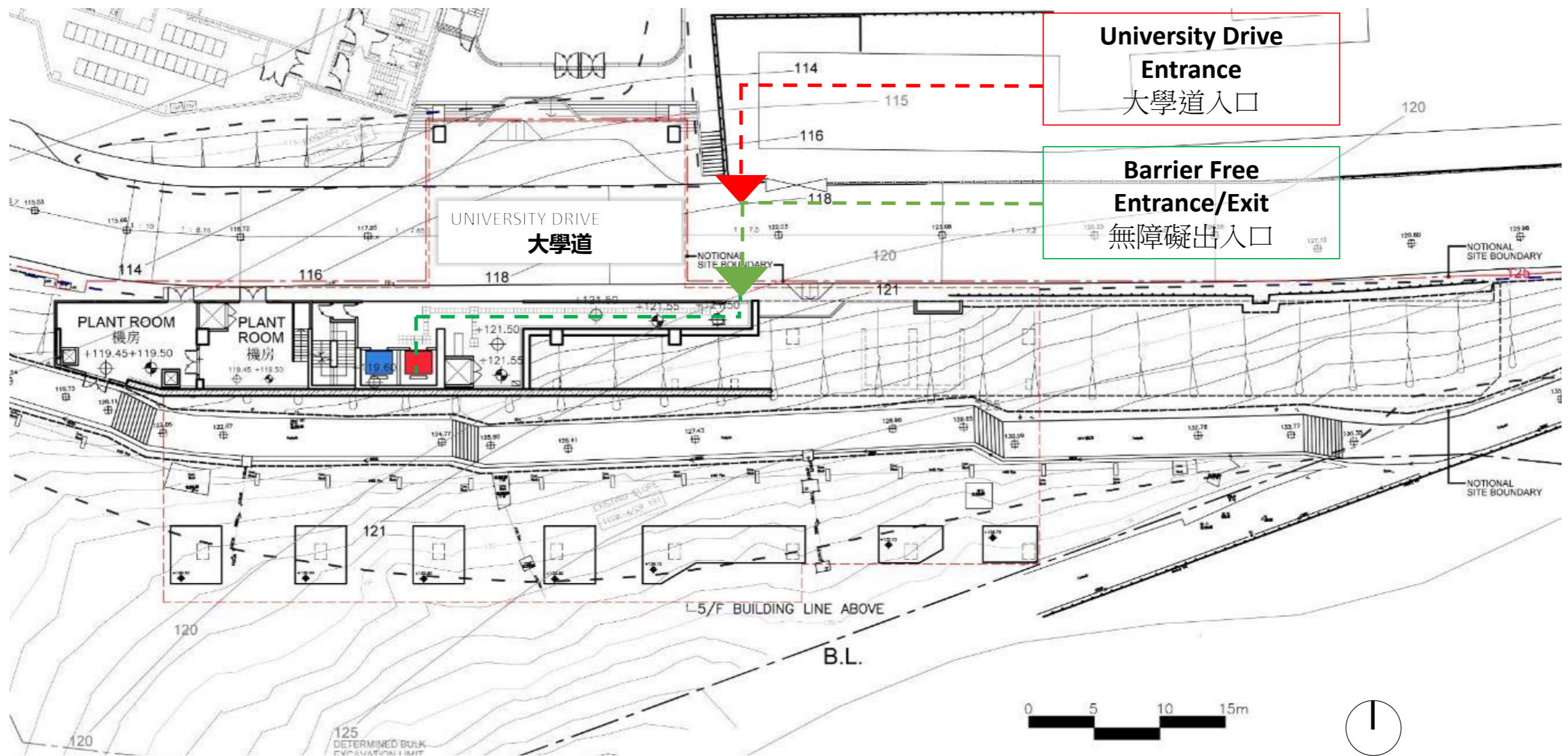
**Objectives**












**IT Building - View from northeast**



**IT Building - View from southwest**

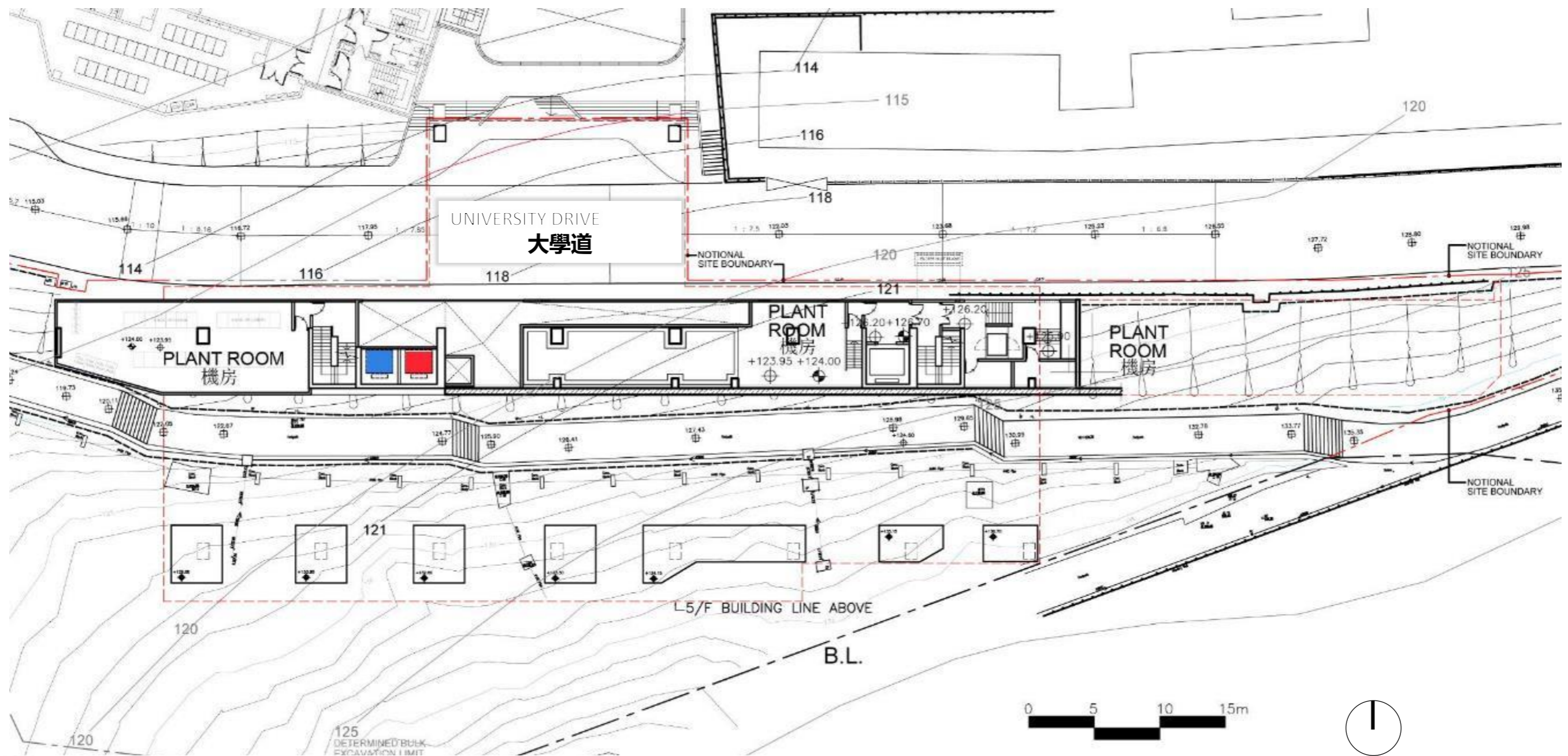


**LEGEND :**










- |  |  |   |                           |
|--|--|---|---------------------------|
|  | CLASSROOM 教室   |  | OFFICE 教職員辦公室             |
|  | COMMON & SUPPORTING FACILITIES<br>共享及支援學習設施  |  | ACCESSIBLE TOILET 暢通易達洗手間 |
|  | IT TEACHING LABORATORY<br>資訊科技教學用實驗室   |  | ACCESSIBLE LIFT 暢通易達升降機   |
|  | DATA CENTRE/ ESSENTIAL SUPPORTING<br>FACILITIES FOR DATA CENTRE<br>數據中心/數據中心必需輔助設備 |  | PASSENGER LIFT 客用升降機      |
|  | BARRIER FREE ACCESS 無障礙通道  |   |                           |

# IT Building – 1/F Plan

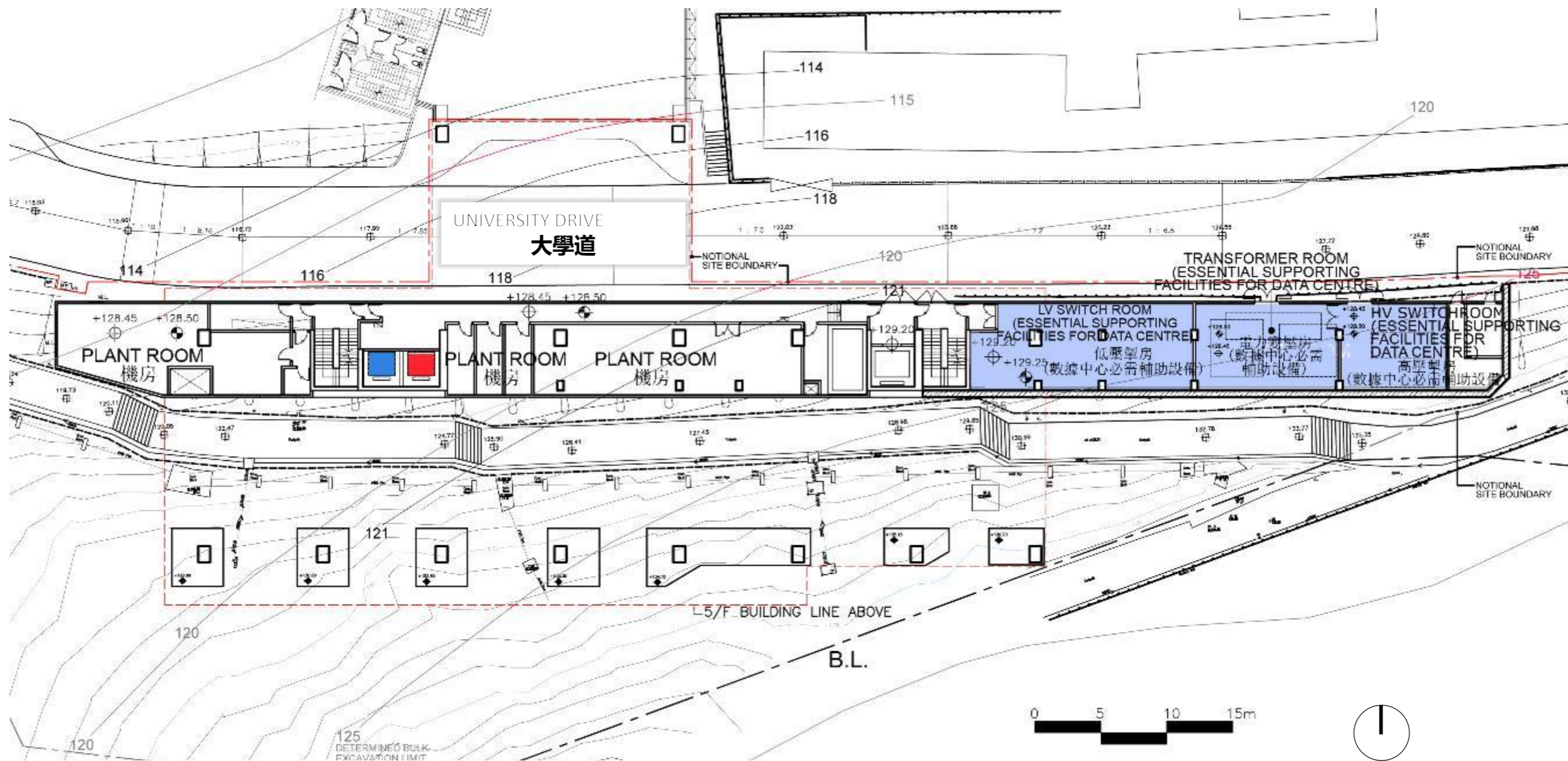













**LEGEND :**

- |  |  |   |                           |
|--|--|---|---------------------------|
|  | CLASSROOM 教室   |  | OFFICE 教職員辦公室             |
|  | COMMON & SUPPORTING FACILITIES<br>共享及支援學習設施  |  | ACCESSIBLE TOILET 暢通易達洗手間 |
|  | IT TEACHING LABORATORY<br>資訊科技教學用實驗室   |  | ACCESSIBLE LIFT 暢通易達升降機   |
|  | DATA CENTRE/ ESSENTIAL SUPPORTING<br>FACILITIES FOR DATA CENTRE<br>數據中心/數據中心必需輔助設備 |  | PASSENGER LIFT 客用升降機      |
|  | BARRIER FREE ACCESS 無障礙通道  |   |                           |

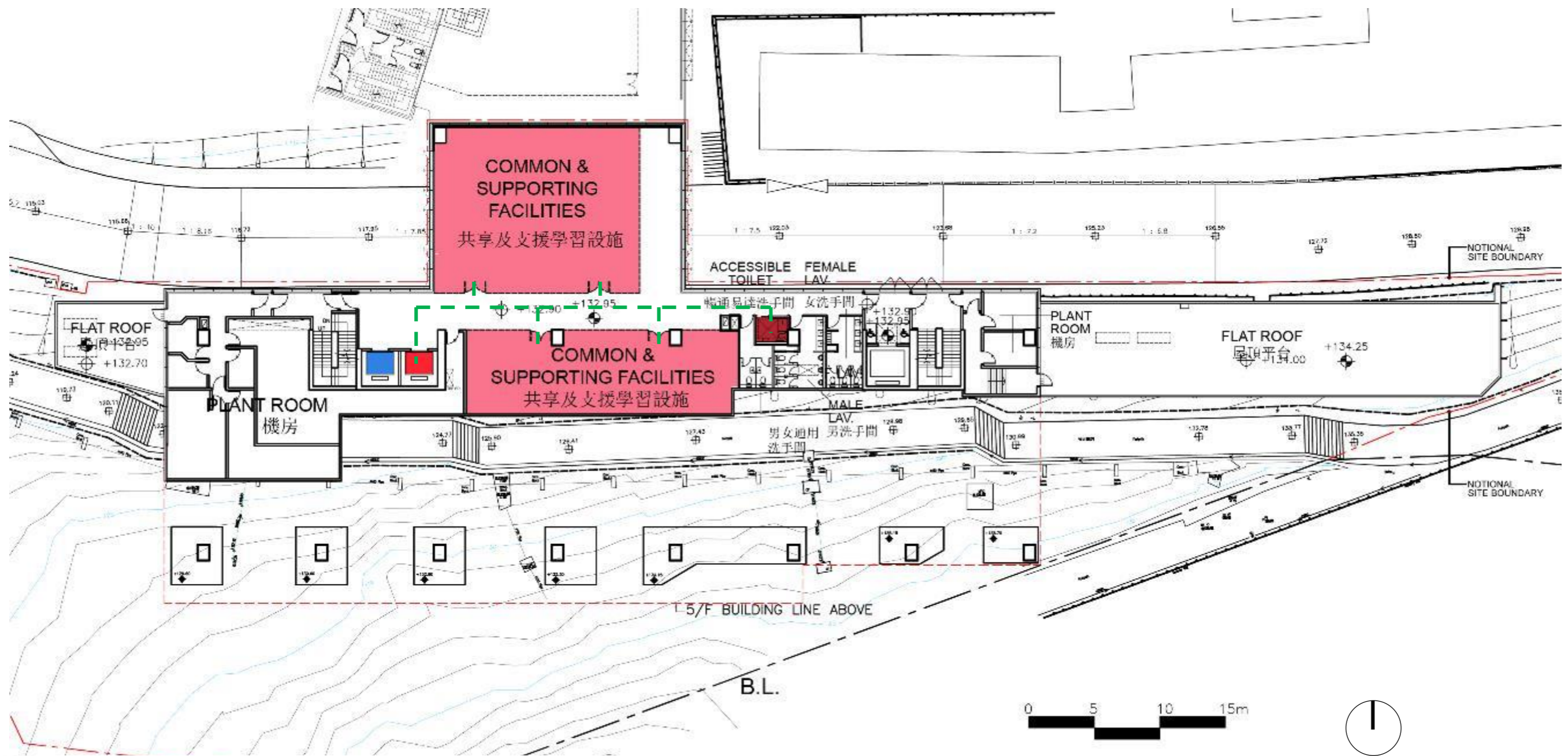
# IT Building – 2/F Plan












**LEGEND :**

- |  |  |   |                           |
|--|--|---|---------------------------|
|  | CLASSROOM 教室   |  | OFFICE 教職員辦公室             |
|  | COMMON & SUPPORTING FACILITIES<br>共享及支援學習設施  |  | ACCESSIBLE TOILET 暢通易達洗手間 |
|  | IT TEACHING LABORATORY<br>資訊科技教學用實驗室   |  | ACCESSIBLE LIFT 暢通易達升降機   |
|  | DATA CENTRE/ ESSENTIAL SUPPORTING<br>FACILITIES FOR DATA CENTRE<br>數據中心/數據中心必需輔助設備 |  | PASSENGER LIFT 客用升降機      |
|  | BARRIER FREE ACCESS 無障礙通道  |   |                           |

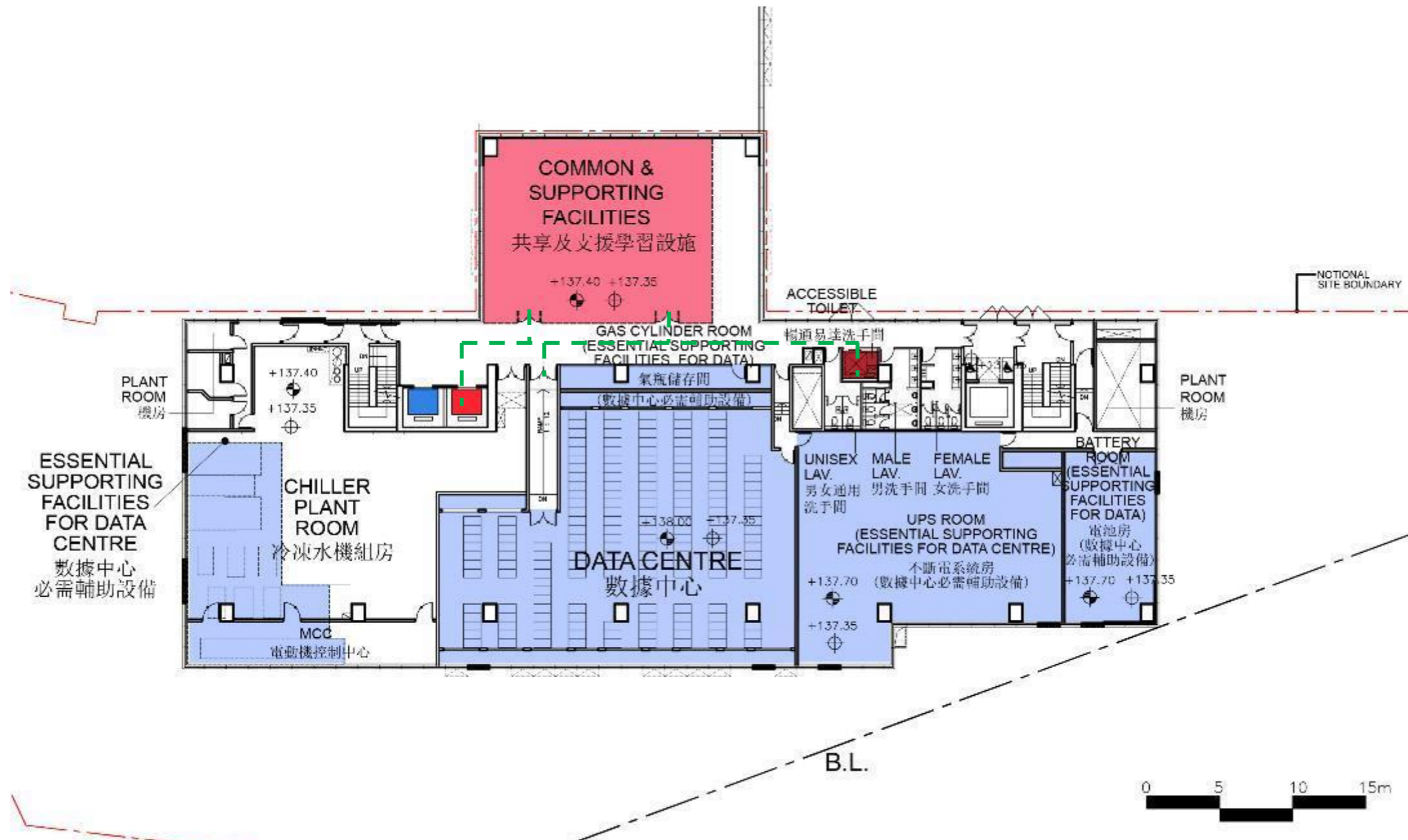
# IT Building – 3/F Plan












**LEGEND :**

- |   |   |
|---|---|
|  CLASSROOM 教室   |  OFFICE 教職員辦公室             |
|  COMMON & SUPPORTING FACILITIES 共享及支援學習設施                                     |  ACCESSIBLE TOILET 暢通易達洗手間 |
|  IT TEACHING LABORATORY 資訊科技教學用實驗室  |  ACCESSIBLE LIFT 暢通易達升降機   |
|  DATA CENTRE/ ESSENTIAL SUPPORTING FACILITIES FOR DATA CENTRE 數據中心/數據中心必需輔助設備 |  PASSENGER LIFT 客用升降機      |
|  BARRIER FREE ACCESS 無障礙通道  |   |

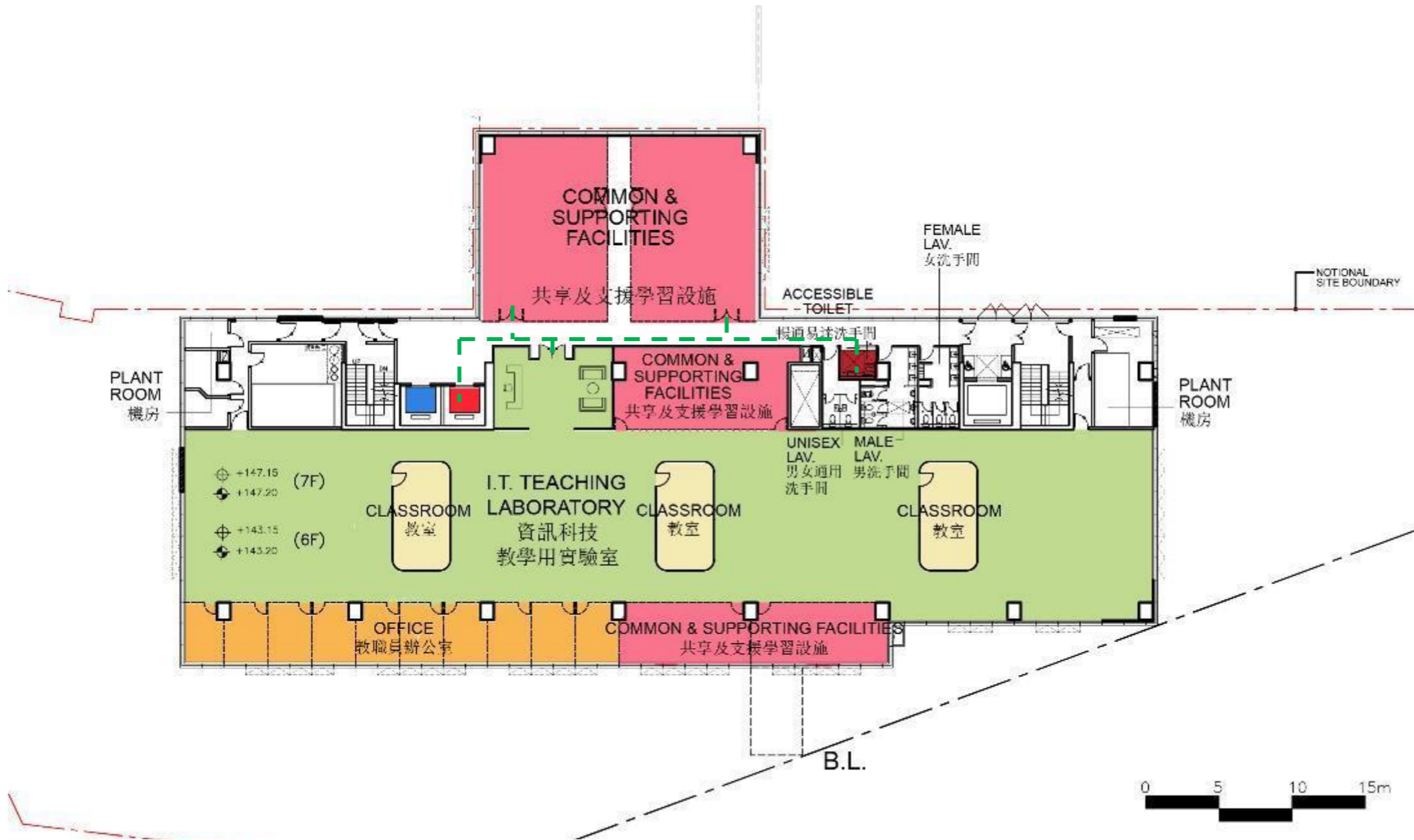
# IT Building – 4/F Plan












**LEGEND :**

- |  |  |   |                           |
|--|--|---|---------------------------|
|  | CLASSROOM 教室   |  | OFFICE 教職員辦公室             |
|  | COMMON & SUPPORTING FACILITIES<br>共享及支援學習設施  |  | ACCESSIBLE TOILET 暢通易達洗手間 |
|  | IT TEACHING LABORATORY<br>資訊科技教學用實驗室   |  | ACCESSIBLE LIFT 暢通易達升降機   |
|  | DATA CENTRE/ ESSENTIAL SUPPORTING<br>FACILITIES FOR DATA CENTRE<br>數據中心/數據中心必需輔助設備 |  | PASSENGER LIFT 客用升降機      |
|  | BARRIER FREE ACCESS 無障礙通道  |   |                           |

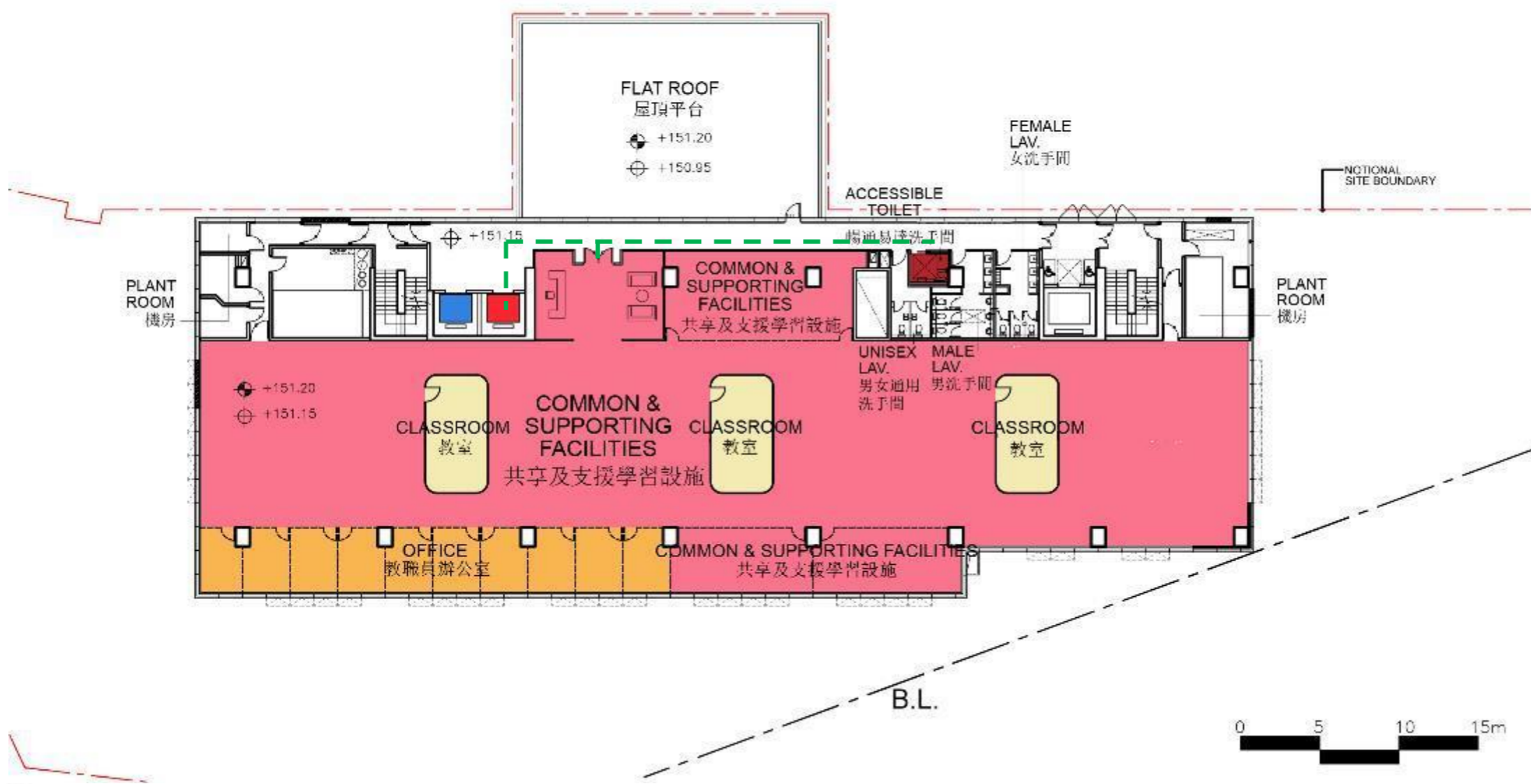
# IT Building – 5/F Plan












**LEGEND :**

- |   |   |
|---|---|
|  CLASSROOM 教室   |  OFFICE 教職員辦公室             |
|  COMMON & SUPPORTING FACILITIES 共享及支援學習設施                                     |  ACCESSIBLE TOILET 暢通易達洗手間 |
|  IT TEACHING LABORATORY 資訊科技教學用實驗室  |  ACCESSIBLE LIFT 暢通易達升降機   |
|  DATA CENTRE/ ESSENTIAL SUPPORTING FACILITIES FOR DATA CENTRE 數據中心/數據中心必需輔助設備 |  PASSENGER LIFT 客用升降機      |
|  BARRIER FREE ACCESS 無障礙通道  |   |

# IT Building – 6/F to 7/F Plan



**LEGEND :**

- |   |   |
|---|---|
|  CLASSROOM 教室   |  OFFICE 教職員辦公室             |
|  COMMON & SUPPORTING FACILITIES 共享及支援學習設施                                     |  ACCESSIBLE TOILET 暢通易達洗手間 |
|  IT TEACHING LABORATORY 資訊科技教學用實驗室  |  ACCESSIBLE LIFT 暢通易達升降機   |
|  DATA CENTRE/ ESSENTIAL SUPPORTING FACILITIES FOR DATA CENTRE 數據中心/數據中心必需輔助設備 |  PASSENGER LIFT 客用升降機      |
|  BARRIER FREE ACCESS 無障礙通道  |   |

# IT Building – 8/F Plan

Facilities	Estimated floor area in net operational floor area (NOFA)
I.T. Teaching Laboratories	Approx. 1 500 m <sup>2</sup>
Data Centre	Approx. 1 100 m <sup>2</sup>
Offices	Approx. 350 m <sup>2</sup>
Classroom	Approx. 250 m <sup>2</sup>
Common and Supporting Facilities	Approx. 2 100 m <sup>2</sup>
<b>Total</b>	<b>Approx. 5 300 m<sup>2</sup></b>

## IT Building – Schedule of Accommodation

	<b>Date</b>	<b>Item</b>
2019	Nov	Submission of full set of draft tender document for UGC/ArchSD's vetting
2020	Feb	Tendering for Main Contract
2020	Nov	Consultation of Panel on Education
2020	Dec	Seeking endorsement from PWSC
2021	Jan	Seeking approval from FC
2021	Feb	Commencement of Demolition Works
2021	Jun	Commencement of Site Formation
2022	Sep	Commencement of Piling Works
2024	Within 2024	Works Completion

## **IT Building – Programme**



	<b>8056EG Redevelopment of No. 2 University Drive (Building 1)</b>	<b>8064EG Information Technology Building at University Drive</b>
<b>Net Operational Floor Area</b>	Approx. 7 100 m <sup>2</sup>	Approx. 5 300 m <sup>2</sup>
<b>No. of Storeys</b>	9	8
<b>Major Users</b>	HKU Faculty of Science HKU Faculty of Engineering	HKU Information Technology Services HKU Technology Transfer Office
<b>Facilities</b>	Laboratories Classrooms Offices Study Space	IT Laboratories Data Centre Offices Classrooms Common and Supporting Facilities
<b>Estimated Cost (in MOD)</b>	\$599.9 million	\$561.8 million
<b>Works Commencement</b>	1Q 2021*	
<b>Works Completion</b>	Within 2024*	

\*Subject to funding approval

**Project Information**

**End**