



Physical Development – Half-yearly Progress Report
For the Period Ended 31 December, 2020

This half-yearly report covers the progress of Capital, Alterations, Additions, Repairs and Improvements (AA&I) as well as major renovation, spatial reorganization and fitting out projects delivered by the Campus Development Office (CDO) from July to December 2020.

Executive Summary

Capital Programme:

Significant progress was registered in both capital, AA&I and major fitting out projects in spite of the COVID-19 outbreak and the social issues experienced during this reporting period. While health monitoring measures were implemented in construction sites to secure workers and environmental safety, persistence efforts have been made by the project teams, CDO and building / user committees through internet communication and Zoom Meetings to facilitate the projects. (*Appendix A1 – Programme on Capital Projects and AA&I Projects; Appendix A2 – Campus Map refers*)

For the capital projects under construction on campus, site formation and piling works were substantially completed for the new hostel of New Asia College under the Hostel Development Fund; loading test for Building Authority's acceptance and preparation works for superstructure construction were in progress. Superstructure construction was also in steady progress for the privately funded Chung Chi Student Development Complex and Staff Quarters; heading for topping out in 2021.

During the reporting period, detailed design was substantially completed for the new hostels of United College and Shaw College under the Hostel Development Fund. As tender was called for the foundation and site formation works of the Shaw College hostel; design development and tender documents were under preparation for the main-superstructure tender. Foundation and main-superstructure tender was also called for the redevelopment of the Art Museum Annex while demolition and site preparation works were in good progress.

Building Committees have been set up to gather users' requirements and consultants' procurement were being conducted to start up the detailed design of the new 250-bed Hostel for Wu Yee Sun College, and Proposed Teaching-Research Complex in Area 39 for the Faculty of Medicine funded by the Food and Health Bureau (FHB).

Through vigorous submissions and liaison with the Government bodies, four new capital projects to meet with the University's strategic development were successfully selected to Category B- in the Capital Works Resource Allocation Exercise in fall 2020. Funding support was also secured to start up the pre-construction works of consultants' procurement and detailed design in 2021. (*Appendix A3 – UGC letter dated 15 October 2020 refers*)

As the Legislative Council (LegCo) have resumed their meetings to process various funding applications in the 2020-21 legislative year, support was sought from the Panel on Education in November 2020 to construct the Proposed Centralized General Research Laboratory Complex (Block 2) in Area 39. Approval of construction funding would be pending LegCo Public Works Sub-Committee and Finance Committee's review in early 2021. In the meantime, parallel tender was called to secure firm pricing for the foundation and main-superstructure works; getting ready for contract award once the funding is available. Related land formation of the Area 39 was also completed by Civil Engineering and Development Department to prepare for site possession accordingly.

As FHB's capital works funding for the last phase of improvement works to the Choh-Ming Li Basic Medical Sciences Building was awaited, progressive liaison was maintained with FHB to provide CUHK with the needed facilities and new buildings in association with the Redevelopment of the Prince of Wales Hospital. FHB had also clarified that these provisions would not be accountable under the UGC space inventory.

AA&I, Renovation and Minor Works Projects:

During the reporting period, substantial completion was achieved for a new round of Alteration, Addition and Improvement projects on campus as well as the fitting out of a number of Innovation and Technology Commission funded *Health@InnoHK* and *AIR@InnoHK* research centres in the Hong Kong Science & Technology Park.

Under the University's minor works funding, asset enhancement for University Guest House Systems' Chiang's Building was completed in July 2020 to provide 64 renovated guest rooms and supporting facilities. The non-domestic floors of former Inter-University Hall near the MTR Station were also renovated into an *InnoHub* for knowledge transfer and incubation; operations commenced in phases from July to December 2020. In parallel, fitting out works for GMP lab in the Hong Kong Institute of Biotechnology was also in good progress; heading for completion in early 2021.

Funding liaison was in progress with the UGC regarding a new round of five new AA&I project proposals; namely laboratory fitting out, animal holding facilities, slope stabilization, universal access and art museum improvement works.

Preliminary Master Plan Concept for Redevelopment of Existing Public Transport Interchange near MTR University Station:

In response to an earlier conversation between the Government and the University Management, a Preliminary Master Plan Concept was also compiled to explore the potential redevelopment of the existing Public Transport Interchange near the MTR University Station and the adjacent areas; to cater for CUHK and CUHK Medical Center's future expansions and long range developments in the vicinity.

Description	2020			Cumulative Total for the Fiscal Year(s)	
	July	August	September	2020-21	2019-20/2018-19
Expenditures on <i>Capital and AA&I Works</i> , inclusive of hostel development and private funds	\$20.949m	\$43.168m	\$11.976m	\$362.939m	\$88.317m/\$210.932m
Expenditures on <i>Minor Works</i> (supported by Minor Works vote and others)	\$5.788m	\$10.350m	\$4.097m	\$154.529m	\$80.971m/\$69.046m

Description	2020			Cumulative Total for the Fiscal Year(s)	
	October	November	December	2020-21	2019-20/2018-19
Expenditures on <i>Capital and AA&I Works</i> , inclusive of hostel development and private funds	\$14.901m	\$17.711m	\$20.647m	\$416.198m	\$155.568m/\$247.102m
Expenditures on <i>Minor Works</i> (supported by Minor Works vote and others)	\$3.339m	\$8.302m	\$9.352m	\$175.522m	\$135.742m/\$111.639m

Note: Fiscal year – 1st April 2020 to 31st March 2021
 Report Period – 1st July 2020 to 31st December 2020

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Key Legend:

P: <u>Project:</u>		M: <u>Amount of Contract/Sub-contract:</u>	
AP	<i>Authorized Person</i>	\$A	<i>Air-conditioning Installation</i>
PA	<i>Project Architect/Architectural Consultant</i>	\$AV	<i>Audio-visual System</i>
PB	<i>Building Services Consultant</i>	\$C	<i>Construction Works</i>
PD	<i>Project Designer</i>	\$E	<i>Electrical Installation</i>
PG	<i>Geotechnical Consultant</i>	\$F	<i>Fire Services Installation</i>
PLA	<i>Landscape Architect</i>	\$F&E	<i>Major Equipment Installation</i>
PM	<i>Project Manager</i>	\$FO	<i>Fitting-out Works</i>
PQ	<i>Quantity Surveyor/Building Surveyor</i>	\$L	<i>Lifts Installation</i>
PS	<i>Structural Consultant</i>	\$LF	<i>Laboratory Furniture Installation</i>
TBA	<i>To be Appointed</i>	\$M	<i>Building Construction / Main Contract Works</i>
		\$R	<i>Foundation / Sub-structure</i>
		\$S	<i>Site Investigation/Slopes/External Works</i>
		\$T	<i>Telephone System</i>
C: <u>Contract/Sub-contract:</u>		D: <u>Date:</u>	
CA	<i>Air-conditioning Installation</i>	D/AIP	<i>Date accorded AIP</i>
CAV	<i>Audio-visual System</i>	D/C	<i>Date for Commencement</i>
CD&B	<i>Design & Build</i>	DC/E	<i>Date for Completion with Anticipated EOT</i>
CE	<i>Electrical Installation</i>	D/FA	<i>Date accorded Full Approval</i>
CF	<i>Fire Services Installation</i>	D/PC	<i>Date of Practical Completion</i>
CF&E	<i>Furniture & Equipment Installation</i>	D/TC	<i>Date for Targeted Completion</i>
CFO	<i>Fitting-out Works</i>		
CL	<i>Lifts Installation</i>		
CLF	<i>Laboratory Furniture Installation</i>		
CM	<i>Building Main Contractor</i>		
CR	<i>Substructural</i>		
CS	<i>Site Investigation/Slopes/External Works</i>		
CT	<i>Telephone System</i>		
GI	<i>Ground Investigation</i>		
TS	<i>Topographic Survey</i>		

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I. (A) Major Capital Programme on UGC Funding:

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<p>I. A.1. <u>Jockey Club Postgraduate Halls 2 & 3</u> <u>(previously named 2x338-place Student Hostels</u> <u>(Block A3 & A4) on Northern Campus)</u></p> <p>(i) Construction works completed in 2018/19 and Defects Liability Period expired in 2019/20.</p>	<p><u>Dec</u></p> <p>100%</p>	<p>PM – Holman Chong AP/PA – Andrew Lee King Fun & Associates Architects Ltd. PS/PG – Meinhardt (C&S) Ltd. PLA – ACLA Ltd. PB – Parsons Brinckerhoff (Asia) Ltd. PQ – Rider Levett Bucknall Ltd.</p> <p>CM – Chinney Construction Co. Ltd.</p> <p>Hong Kong Green Building Council BEAM Plus final platinum rating was achieved.</p> <p>Extension of time and final account assessment for the main contract to be submitted by Consultants. Extension of Time and Final Account assessment for F&E contracts have been completed.</p>
<p>I. A.2. <u>New Student Hostels under Hostel Development Fund (HDF)</u></p> <p>(a) 300-place Student Hostel at New Asia Campus (Project Estimate: HK\$269.2Mil)</p> <p>(i) Hoarding Work (ii) Site Formation Work (iii) Foundation Work</p> <p>(b) 250-place Student Hostel at United Campus (Project Estimate: HK\$224.3Mil)</p> <p>(i) Consultancy appointment (ii) Outline Proposal / Schematic Design (iii) Statutory Submission (iv) Detailed Design and Tendering</p>	<p>100%</p> <p>95%</p> <p>90%</p> <p>100%</p> <p>100%</p> <p>40%</p> <p>50%</p>	<p>PM – Stephen Leung PA – Spence Robinson Ltd. PQ – K.C. Tang Consultants Ltd. CM – Build King Construction Ltd.</p> <p>D/C – 17 June 2019 (CM) D/PC – 2nd Quarter 2022 D/TC – 3rd Quarter 2022</p> <p>Piling works were completed with pile loading test in progress. The Project Architect was coordinating the building façade details and refinement of the room layouts, for the subsequent General Building Plan amendments. Pile cap and superstructure work would commence in first quarter 2021.</p> <p>PM – Thomas Yuen AP – LWK & Partners (HK) Ltd. PA – Ida & Billy Architects Ltd. PS/PG – Arthur Yung and Associates Co. Ltd. PB – Far East Consulting Engineers Ltd. PLA – LWK & Partners (HK) Ltd. PQ – Beria Consultant Ltd.</p> <p>D/FA – December 2018 D/C – 1st Quarter 2021 D/TC – 4th Quarter 2023</p> <p>Building Committee meetings were held to review and monitor the project design, budget, programme and proposal for adjustments / addition parameters. Major design issues were confirmed.</p> <p>Subsequent meetings with College’s New Student Hostel Users Group were held to collect end-users’ requirements.</p> <p>Statutory submissions to Buildings Department were completed. Tree preservation and removal proposal was submitted to Lands Department and formal approval was pending.</p> <p>Detailed design and tender documents were substantially completed. Superstructure and foundation tender is scheduled to be out in February 2021.</p>

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I. (A) Major Capital Programme on UGC Funding (cont'd):

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<i>Dec</i>		
I. A.2. <u>New Student Hostels under Hostel Development Fund (HDF)</u>		
(c) 300-place Student Hostel at Shaw Campus (Project Estimate: HK\$293.0Mil)		PM – Patrick Chan / German Cheung AP – WCWP International Ltd. PA – Philip Liao & Partners Ltd PS/PB/PG – Aurecon (Hong Kong) Ltd. PLA – KO Landscape Architects Ltd. PQ – Rider Levett Bucknall Ltd. D/FA – December 2018 D/C – 2 nd Quarter 2021 D/TC – 2 nd Quarter 2024
(i) Consultancy appointment	100%	Building Committee meeting was held in June 2020 to review and monitor the project design, budget and programme. First User Group Meeting established by College was held in December 2020 to collect users' requirements and comments. General Building Plan and Foundation Plan were submitted to Buildings Department in July and September 2020 respectively and comments were received. Re-submissions of both plans were made in December 2020. Tree preservation and removal proposal was submitted to Lands Department in August 2020 and comments were received. Reply to Lands Department's comments was under preparation. Detailed design report for UGC submission was under preparation by the project team. Tender for foundation works was issued in October 2020 and scheduled to be returned in January 2021.
(ii) Outline Proposal / Schematic Design	100%	
(iii) Statutory Submission	40%	
(iv) Detailed Design	40%	
(v) Tender	20%	
(d) 300-place Student Hostel at Chung Chi Campus (Project Estimate: HK\$269.2Mil)		Undergoing master planning and feasibility study.
(e) 250-place Student Hostel at Wu Yee Sun Campus (Project Estimate: HK\$224.3Mil)		PM – Elaine Cheung / Karen Kiang D/FA – December 2018 D/C – 4 th Quarter 2022 D/TC – 2 nd Quarter 2026
(i) Consultancy Appointment	90%	Invitations for Expression of Interest for the Lead Architectural and Associated Consultancy were issued in June 2020. Upon shortlisting of consultants by the Tender Assessment Panel (TAP), Tender Invitations were issued to the shortlisted tenderers in August 2020. Two-enveloped Technical and Fee Proposals were returned in September 2020 and only the Technical Proposals were opened for assessment with Tender Interviews conducted by TAP in November 2020. Technical Scores were given and unanimously endorsed by TAP in December 2020. Fee Proposals would be opened in January 2021 to compute the combined Technical and Fee Scores to determine the winner.
(ii) Outline Proposal / Schematic Design	0%	
(iii) Statutory Submission	0%	
(f) 394-place Student Hostel in Area 39 (Project Estimate: HK\$353.5Mil)		Undergoing master planning and preliminary design.

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I. (A) Major Capital Programme on UGC Funding (cont'd):

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<p>I. A.3. <u>Centralized General Research Laboratory Complex (Block 2) in Area 39</u> (Project Estimate: HK\$1,400Mil)</p> <p>(i) Consultancy appointment (ii) Outline Proposal / Schematic Design (iii) Statutory Submissions (iv) Detailed Design (v) Tendering and Award</p>	<p><i>Dec</i></p> <p>100% 100% 100% 100% 80%</p>	<p>PM – S.C. Li / Thomas Yuen AP/PA – Andrew Lee King Fun & Associates Architects Ltd. PS/PG – Meinhardt (C&S) Ltd. PLA – Urbis Ltd. PB – WSP Hong Kong Ltd. PQ – Rider Levett Bucknall Ltd.</p> <p>D/FA – September 2017 D/C – 1st Quarter 2021 D/TC – 2025</p> <p>The project was upgraded to Cat. B+ in 2019 CWRAE.</p> <p>Detailed design was completed. Superstructure and foundation tender was out in March 2020 and returned in October 2020. Tender assessment was in progress.</p> <p>Panel on Education of the Legislative Council supported the project in November 2020. Pending approval from Public Works Sub-Committee and Finance Committee in early 2021, site works would commence in second quarter of 2021 subject to the Finance Committee's approval.</p>
<p>I. A.4. <u>Final Accounts of 3+3+4 Capital and New College Projects</u></p> <p>(a) Centralized General Research Laboratories Complex (Block 1) in Area 39</p> <p>(b) 1,500-place Student Hostels Site A: Morningside College & S.H. Ho College Site B: Lee Woo Sing College</p> <p>(c) Extension to Existing University Library</p> <p>(d) Student Amenity Centre</p> <p>(e) An Integrated Teaching Building</p> <p>(f) Two-Integrated Teaching Buildings - Yasumoto International Academic Park (YIA) - Wu Ho Man Yuen Building (WMY)</p>	<p>} 100%</p>	<p>Assessment of bills of variations and final account of works contracts were almost completed. The preparation and close out of project accounts with UGC are anticipated to be finalized progressively.</p>

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I. (B) Other Capital Projects (seeking FHB's support or on private funds):

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<p>I.B.1. <u>Teaching–Research Complex in Area 39</u> <i>(with FHB support)</i></p> <p>(i) Consultancy appointment (ii) Outline Proposal / Schematic Design</p>	<p><i>Dec</i></p> <p>100% 5%</p>	<p>PM – Patrick Chan / German Cheung AP/PA – Wong Tung & Partners Ltd PS/PG – Meinhardt (C&S) Ltd. PLA – Otherland Ltd. PB – WSP (Asia) Ltd. PQ – Acardis Hong Kong Ltd.</p> <p>D/FA – June 2020 D/C – November 2020 D/TC – 4th Quarter 2026</p> <p>With the approval of funding from LegCo Finance Committee in June 2020 to undertake design and prepare tender documents for the project, tender processes and appointments of the Lead Consultancy and QS Consultancy were finalized in December 2020. The appointed Architect, Wong Tung & Partners Ltd. has just commenced site visits and organizing design / project meetings and user's workshops to develop the Brief of the project.</p>
<p>I.B.2. <u>Redevelopment of Prince of Wales Hospital (PWH) and the associated University Facilities in Prince of Wales Hospital by Hospital Authority (HA)</u> <i>(with FHB support)</i></p>		<p>Schedule of Accommodation for University space in PWH was worked out by Faculty of Medicine and submitted to HA for their incorporation. Scheme layout plans on the reprovisioned space at existing HA premises from the project consultants of HA was commented by the University for HA's consideration. In addition, scheme design proposals for the Faculty's proposed new developments in / or adjoining to the PWH Campus was under study for FHB's and HA's consideration.</p>
<p>I.B.3. <u>Renovation of Facilities in Choh-Ming Li Basic Medical Sciences Building (Remaining Works)</u> <i>(with FHB support)</i> <i>(Project Estimate: HK\$57.2Mil)</i></p> <p>(i) Feasibility Study (ii) Consultancy Appointment (iii) Detailed Design (iv) Tender</p>	<p>100% 100% 100% 90%</p>	<p>PM – Mabel Lam PA – Seniorman Design Ltd. PQ – TLS & Associates Ltd.</p> <p>D/FA – March 2019 D/C – May 2020 D/TC – March 2023</p> <p>Detailed design was completed. Tender for main contract had been returned and was under assessment. Subject to the LegCo's support and approval, works are planned to commence in the second quarter of 2021 for completion in the first quarter of 2023.</p>
<p>I.B.4. <u>Chung Chi Student Development Complex at Chung Chi College (on private funds)</u> <i>(Project Estimate: HK\$250Mil)</i></p> <p>(i) Feasibility Study (ii) Consultancy Appointment (iii) Detailed Design (iv) Site Work (Section 1) (v) Site Work (Section 2)</p>	<p>100% 100% 100% 100% 25%</p>	<p>PM – Patrick Chan / German Cheung AP/PA – Leigh & Orange Ltd. PS/PG – Greg Wong & Associates Ltd. PB – J. Roger Preston Limited PLA – URBIS Limited PQ – KC Tang Consultants Ltd.</p> <p>CM – Unistress Building Construction Ltd.</p> <p>D/FA – 1st Quarter 2019 D/C – March 2019 DC/E – September 2021 D/TC – 3rd Quarter 2021</p> <p>The foundation and excavation & lateral support works were substantially completed in June 2020. The pile caps and superstructure works were in progress, with a target to catch up any delay by the impacts from Covid-19 outbreak and potential disruption to supply of construction materials.</p>

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I. (B) Other Capital Projects (seeking FHB's support or on private funds) (cont'd):

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<p>I.B.5. <u>Art Museum - Lo Kwee-Seong Pavilion</u> (on private funds) (Project Estimate: HK\$130Mil)</p> <p>(i) Feasibility Study (ii) Consultancy Appointment (iii) Detailed Design (iv) Site Work</p>	<p><i>Dec</i></p> <p>100% 100% 100% 20%</p>	<p>PM – Stephen Leung PA – Rocco Design Architects Associates Ltd. PQ – Turner and Townsend Ltd.</p> <p>D/FA – 1st Quarter 2020 D/C – 1st Quarter 2021 D/TC – 3rd Quarter 2023</p> <p>Hoarding and demolition works were commenced in August 2020 and will be completed in 1st Quarter 2021. Tender invitation for Main Contract (Foundation and Superstructure) was issued and returned in December 2020. Value engineering exercise had been carried out and separate tender packages for Foundation and Superstructure was under preparation and will be issued in 1st Quarter 2021.</p>

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II. AA&I Works on UGC Block Allocation:

A. 2020-2021 Block Allocation

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<p>II.A.1. <u>Space Reorganization and Improvement Works</u> (Approved Project Estimate : HK\$29.776Mil)</p> <p>(a) Music Department at Hui Yeung Shing Building</p> <p>(i) Consultancy Services Appointment (ii) Outline Proposal / Schematic Design (iii) Statutory Submission</p> <p>(b) Faculty of Education at Ho Tim Building</p>	<p><u>Dec</u></p> <p>100% 30% 10%</p>	<p>PM – Thomas Yuen</p> <p>D/FA – March 2020 D/C – 3rd Quarter 2021 D/TC – 4th Quarter 2022</p> <p>User Committee Meeting was held in September 2020. Lead architectural consultant and quantity surveyor were appointed. Schematic design and statutory submissions to Buildings Department were in progress.</p> <p>PM – Mabel Lam</p> <p>D/FA – March 2020</p> <p>First User Committee Meeting was held in December 2020 and tender invitation for Lead Architectural Consultancy was issued.</p>
<p>II.A.2. <u>Upgrading and Addition of Sports Facilities at Outdoor Areas for Active Campus</u> (Approved Project Estimate : HK\$28.116Mil)</p> <p>(i) Outline Proposal / Schematic Design (ii) Tendering</p>	<p>100% 60%</p>	<p>PM – German Cheung</p> <p>D/FA – March 2020 D/C – 2nd Quarter 2021 D/TC – 3rd Quarter 2021</p> <p>User Committee meeting was held in November 2020 to review the scope and programme of works. Tender preparation for main contract was being carried out and the target date for commencement of construction works was in 2nd Quarter 2021.</p>
<p>II.A.3. <u>Accessibility Improvement Works for Barrier Free Access</u> (Approved Project Estimate : HK\$29.578Mil)</p> <p>(a) Replacement of Lifts at Chan Chun Ha Hall</p> <p>(i) Consultancy Services Appointment (ii) Detailed Design (iii) Tendering</p> <p>(b) New Lifts at Adam Schall Residence</p> <p>(i) Consultancy Services Appointment (ii) Outline Proposal / Schematic Design</p>	<p>100% 20% 20%</p> <p>100% 20%</p>	<p>Consultants were appointed for the detailed design.</p> <p>PM – Eric Luk</p> <p>D/FA – March 2020 D/C – 4th Quarter 2021 D/TC – 3rd Quarter 2022</p> <p>Detailed design was in progress.</p> <p>PM – Chloe Lun</p> <p>D/FA – March 2020 D/C – 2nd Quarter 2021 D/TC – 3rd Quarter 2022</p> <p>Schematic design was in progress.</p>

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II. AA&I Works on UGC Block Allocation:

A. 2020-2021 Block Allocation (cont'd)

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<i>Dec</i>		
<p>II.A.3. <u>Accessibility Improvement Works for Barrier Free Access (cont'd)</u></p> <p>(c) Improvement works to lift lobby and upgrading existing lift at Elisabeth Luce Moore Library</p> <p>(i) Consultancy Services Appointment (ii) Outline Proposal / Schematic Design (iii) Statutory Submissions</p> <p>(d) Installation of automatic doors to toilets and automatic swing gates in libraries</p> <p>(i) Consultancy Services Appointment (ii) Outline Proposal / Schematic Design (iii) Tendering (iv) Construction</p> <p>(e) Addition of Lift from International House I/II to LG2/4 of Lee Woo Sing College</p> <p>(i) Consultancy Services Appointment (ii) Outline Proposal / Schematic Design</p>	<p>100%</p> <p>50%</p> <p>10%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>40%</p> <p>100%</p> <p>20%</p>	<p>PM – Thomas Yuen</p> <p>D/FA – March 2020 D/C – 2nd Quarter 2021 D/TC – 3rd Quarter 2022</p> <p>User Committee Meeting was held in September 2020. Schematic design and statutory submissions to Buildings Department were in progress.</p> <p>PM – Thomas Yuen</p> <p>D/FA – March 2020 D/C – December 2020 D/TC – April 2021</p> <p>Detailed design was completed. Main contract was awarded and construction works was commenced in December 2020.</p> <p>PM – Stephen Leung</p> <p>D/FA – March 2020 D/C – 2nd Quarter 2021 D/TC – 3rd Quarter 2022</p> <p>Schematic design is in progress.</p>
<p>II.A.4. <u>Stabilization of Slopes – Phase 15</u> (Approved Project Estimate : HK\$29.107Mil)</p> <p>(a) Feature No. 7NE-C/CR60 Southeast of International House 1</p> <p>(b) Feature No. 7NE-C/CR135 South of College Chapel</p> <p>(c) Feature No. 7NE-C/F22 Southeast of University Main Entrance</p> <p>(d) Feature No. 7NE-C/F190 Southeast of University Main Entrance</p> <p>(e) Feature No. 7NE-C/FR4 South of Postgraduate Hall No. 6</p> <p>(i) Consultancy Services Appointment (ii) Investigation / Site Survey (iii) Design and Statutory Approval (iv) Tendering (v) Stabilization Works</p>	<p>100%</p> <p>10%</p> <p>0%</p> <p>0%</p> <p>0%</p>	<p>PM – Arthur Ma / Paul Seto PG – AECOM Asia Co. Ltd</p> <p>D/FA – March 2020 D/C – 1st Quarter 2021 D/TC – 2nd Quarter 2023</p> <p>The Geotechnical Consultancy Service was awarded in October 2020.</p> <p>Tender preparation for site investigation / survey is underway.</p>

Physical Development – Half-yearly Progress Report
For the Period Ended 31st December 2020

II. AA&I Works on UGC Block Allocation:

B. 2019-2020 Block Allocation

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<p>II.B.1. <u>Space Addition and Reorganisation at G/F of Lady Shaw Building for Office/Teaching Laboratory</u> (Approved Project Estimate: HK\$29.946Mil)</p> <p>(i) Structural Feasibility and Invitation of Expression of Interest for Consultancy Services (ii) Outline Schematic Proposal (iii) Statutory Submission (iv) Tendering</p>	<p><i>Dec</i></p> <p>100% 100% 100% 80%</p>	<p>PM – Patrick Chan / German Cheung</p> <p>AP/PA – Seniorman Design Ltd. PS – ArchCorp Design Structural Engineers Ltd. PB – PKL Consultants Ltd. PQ – Turner & Townsend Ltd.</p> <p>D/FA – March 2019 D/C – 1st Quarter 2021 D/TC – 1st Quarter 2022</p> <p>Owing to the assigned user’s requirements that led to a substantial change of scope for the project, the Lead Architectural Consultancy services was re-tendered in July 2020 to include the design and construction of part of 1/F & 2/F of Lady Shaw Building. A new team had been appointed (as stated above).</p> <p>The team has now completed the design and secured approvals of various plans from Buildings Department. Tender for the works is being carried out and the target date for commencement of construction works is 1st Quarter 2021.</p>
<p>II.B.2. <u>Infrastructure and Safety Enhancement Works</u> (Approved Project Estimate: HK\$29.078Mil)</p> <p>(a) Stabilization Works for Slope Behind University Residence No. 16 & 17 (Feature No. 7NE – C/C65)</p> <p>(i) Investigation / Site Survey (ii) Detailed Design (iii) Tendering (iv) Stabilization Works</p> <p>(b) Construction of New Dangerous Goods Stores for Compressed Gases on Campus</p> <p>(i) Consultancy Services Appointment (ii) Outline Proposal / Schematic Design (iii) Statutory Submission (iv) Tendering (v) Construction</p>	<p>100% 100% 100% 85%</p> <p>100% 100% 100% 50%</p>	<p>PM – Arthur Ma PG – AECOM Asia Co. Ltd.</p> <p>D/FA – March 2019 D/C – November 2019 D/TC – 1st Quarter 2021</p> <p>Major geotechnical works were substantially completed while the associated works including drainage construction and removal of protective fence are in progress.</p> <p>PM – Thomas Yuen AP/PA – Singular Studio Ltd.</p> <p>D/FA – March 2019 D/C – 3rd Quarter 2020 D/TC – 2nd Quarter 2021</p> <p>Main contract was awarded and construction works was commenced in October 2020. Tree transplanting, footing works were completed. Superstructure and underground utilities works are in progress.</p>

Physical Development – Half-yearly Progress Report
For the Period Ended 31st December 2020

II. AA&I Works on UGC Block Allocation:

B. 2019-2020 Block Allocation

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
II.B.3. <u>Repairing Works for Two Slopes with Potential Danger</u> (Feature No. 7NE-C/C32 and 7NE-C/C171) (Approved Project Estimate: HK\$6.0Mil)	<u>Dec</u>	PM – Arthur Ma / Paul Seto PG – David S.K. Au & Associates Ltd. CS – Fong On Construction Ltd D/FA – 2 nd Quarter 2020 D/C – 3 rd Quarter 2020 D/TC – 2 nd Quarter 2021
(i) Consultancy Services Appointment (ii) Investigation / Site Survey (iii) Design and Statutory Approval (iv) Tendering (v) Stabilization Works	100% 100% 100% 100% 70%	Subsequent to the approval of slope stabilization design by the Buildings Department, contract for stabilization works was awarded in June 2020. Work scope includes soil nails installation and raking drains, rock scaling were completed while surface drainage and mesh protection are in progress.

Physical Development – Half-yearly Progress Report
For the Period Ended 31st December 2020

II. AA&I Works on UGC Block Allocation:

C. 2018-19 Block Allocation

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<i>Dec</i>		
<p>II.C.1. <u>Upgrading of Information Technology Infrastructure for Next Generation Campus Network</u> (Approved Project Estimate: HK\$29.938Mil)</p> <p>(i) Outline Proposal / Schematic Design (ii) Detailed design (iii) Tendering (iv) Construction</p>	<p>100% 100% 100% 90%</p>	<p>D/FA – March 2018 D/C – March 2019 D/TC – June 2021</p> <p>Detailed design for the information technology infrastructure was completed. Procurement of equipment was completed. Site works commenced in January 2019 and to be completed progressively by June 2021.</p>
<p>II.C.2. <u>Provisions of New Laboratory Space</u> (Approved Project Estimate: HK\$27.462Mil)</p> <p>(a) Spatial Reorganisation of 5/F Mong Man Wai Building and Lady Shaw Building</p> <p>(i) Outline Proposal / Schematic Design (ii) Detailed Design (iii) Tendering (iv) Site Work</p> <p>(b) Extension on 2/F of Ho Sin-Hang Engineering Building</p> <p>(i) Consultancy Appointment (ii) Outline Proposal / Schematic Design (iii) Statutory Submission (iv) Detailed Design (v) Tendering (vi) Construction</p>	<p>100% 100% 100% 90%</p> <p>100% 100% 100% 100% 100% 100%</p>	<p>PM – S.C. Li AP – Cheung Kong-Yeung Architects Ltd. CM – Golden Build Construction & Engineering Co. Ltd</p> <p>D/FA – March 2018 D/C – May 2020 D/TC – April 2021</p> <p>Construction works for the new office / workshop at Lady Shaw Building were completed.</p> <p>Construction works for the laboratories on 5/F of Mong Man Wai Building commenced in May 2020 and completed by December 2020. The laboratory rooms were handed over to users. Statutory approval for the external louver is pending.</p> <p>PM – Thomas Yuen AP/PA – Seniorman Design Ltd. CM - Chun Dak Engineering Co.</p> <p>D/FA – March 2018 D/C – 1st Quarter 2020 D/TC – October 2020</p> <p>Construction works was completed and handed over to user in October 2020.</p> <p>This item will be removed from next report.</p>

**Physical Development – Half-yearly Progress Report
For the Period Ended 31st December 2020**

II. AA&I Works on UGC Block Allocation:

D. 2017-18 Block Allocation

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<i>Dec</i>		
<p>II.D.1. <u>Provision of New Laboratory Space</u> (Approved Project Estimate : HK\$29.811Mil)</p> <p>(a) Extension on roof of Mong Man Wai Building for New laboratory space</p> <p>(i) Consultancy Appointment (ii) Outline Proposal / Schematic Design (iii) Statutory Submission (iv) Detailed Design (v) Tendering (vi) Construction</p> <p>(b) Extension on 1/F of William M.W. Mong Engineering Building for new laboratory space</p> <p>(i) Consultancy Appointment (ii) Outline Proposal / Schematic Design (iii) Statutory Submission (iv) Detailed Design (v) Tendering (vi) Construction</p>	<p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>80%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p>	<p>PM – Thomas Yuen AP/PA – Cheung Kong-Yeung Architects Ltd. CM – Goldfield N&W Construction Co. Ltd</p> <p>D/FA – March 2017 D/C – November 2019 D/TC – 2nd Quarter 2021</p> <p>Construction works were substantially completed in December 2020 and statutory inspections were in progress. The inspection schedules by the Fire Services Department, Buildings Department and Water Supplies Department were significantly affected due to COVID-19.</p> <p>PM – Thomas Yuen AP/PA – Cheung Kong-Yeung Architects Ltd. CM – Goldfield N&W Construction Co. Ltd</p> <p>D/FA – March 2017 D/C – November 2019 D/TC – 3rd Quarter 2020</p> <p>Construction works was completed and handed over to user in August 2020.</p> <p>This item will be removed from next report.</p>
<p>II.D.2. <u>Extension of University Sports Centre</u> (Approved Project Estimate: HK\$29.951Mil)</p> <p>(i) Consultancy Appointment (ii) Outline Proposal / Schematic Design (iii) Statutory Submission (iv) Detailed Design (v) Tendering (vi) Construction</p>	<p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>100%</p> <p>50%</p>	<p>PM – Thomas Yuen AP/PA – Meta 4 Design Forum Ltd. CM – Chiu Lee Construction Co. Ltd.</p> <p>D/FA – March 2017 D/C – April 2019 D/TC – 4th Quarter 2021</p> <p>Construction works was commenced in August 2019. Site formation and drainage diversion were completed. Foundation and substructure works are in progress.</p>

Physical Development – Half-yearly Progress Report
For the Period Ended 31st December 2020

III. Other Alterations, Additions and Improvement (AA&I) Works:

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<p>III. 1. <u>InnoCentres at the Hong Kong Science and Technology Park</u> (Project Estimate : HK\$100Mil)</p> <p>(i) Feasibility Study (ii) Consultancy Appointment (iii) Detailed Design (iv) Tender (v) Construction</p>	<p><u>Dec</u></p> <p>100% 100% 100% 100% 90%</p>	<p>PM – Mabel Lam PA – Tony Ip Green Architects Ltd. PQ – Turner & Townsend Ltd.</p> <p>D/FA – September 2019 D/C – May 2020 D/TC – April 2021</p> <p>With the funding support to establish five research centres for Health@InnoHK and AIR@InnoHK in Hong Kong Science and Technology Park (HKSTP), users’ engagement and fitting out works design were coordinated progressively with the project consultants; works were tendered and carried out in phases to tally with the operational schedules of the five InnoCentres and space availability in HKSTP.</p> <p>Building Department’s approval of General Building Plans were obtained. Site work was commenced in June 2020 progressively. Fitting-out works of four Centres had been completed by end December 2020 and the fifth one will be completed in April 2021.</p>
<p>III. 2. <u>A&A Works at 1-2/F of Lady Shaw Building for Human Resources Office</u> (Project Estimate : HK\$15Mil)</p> <p>(i) Feasibility Study (ii) Consultancy Appointment (iii) Detailed Design (iv) Tender (v) Works Commencement</p>	<p>100% 100% 100% 80% 5%</p>	<p>PM – Patrick Chan / German Cheung AP/PA – Seniorman Design Ltd. PS – ArchCorp Design Structural Engineers Ltd. PB – PKL Consultants Ltd. PQ – Turner & Townsend Ltd.</p> <p>D/FA – March 2019 D/C – 1st Quarter 2021 D/TC – 1st Quarter 2022</p> <p>The Project Team was appointed in August 2020 to carry out the design of the new office for Human Resources Office at part of 1/F & 2/F of Lady Shaw Building. This is being developed in conjunction with the UGC 2019-2020 Block Allocation for ‘Space Addition and Reorganisation at G/F of Lady Shaw Building for Office/Teaching Laboratory’. The re-tender of consultancy of the above project has included this additional A&A works scope being funded by the University.</p> <p>The team has completed the design and secured approvals of various plans from Buildings Department. Tender for the works is being carried out and the target date for commencement of construction works is 1st Quarter 2021.</p>

Physical Development – Half-yearly Progress Report
For the Period Ended 31st December 2020

III. Other Alterations, Additions and Improvement (AA&I) Works:

<i>Project Title</i>	<i>Percentage of Works Completed</i>	<i>Description</i>
<p>III. 3. <u>Other Minor Projects Being or Having Been Put Forth to the UGC for AA&I Funding Consideration</u></p> <p>Projects submitted to UGC for consideration in May 2020 under 2021/2022 Block Allocation</p>	<p><u>Dec</u></p>	<p>(1) Spatial Reorganization and Improvement Works for Laboratory Space on 3/F & 4/F of Mong Man Wai Building (Estimated Cost: HK\$29.9 Mil)</p> <p>(2) Spatial Reorganization and Improvement Works for Animal Research Space on Ground Floor at Laboratory Animal Services and 11/F of Li Ka Shing Medical Sciences Building at Prince of Wales Hospital (Estimated Cost: HK\$29.7 Mil)</p> <p>(3) Stabilization of Slopes – Phase 16</p> <ul style="list-style-type: none"> • Stabilization for 5 substandard slopes • Inspection of Buried Water Carrying Services affecting Slopes <p>(Estimate Cost: HK\$27.8 Mil)</p> <p>(4) Proposed Improvement of Campus Accessibility</p> <ul style="list-style-type: none"> • Addition of Shuttle Lift and Link Bridge to connect Upper and Lower Campus of Shaw College • Additional Barrier Free Access at Shaw College <p>(Estimated Cost: HK\$18.5 Mil)</p> <p>(5) Spatial Reorganization and Improvement Works to Art Museum (West Wing) & Institute of Chinese Studies (Estimated Cost: HK\$29.8 Mil) (50% UGC support for privately funded building)</p> <p>The outcome will be known in March 2021.</p>

Physical Development – Half-yearly Progress Report
For the Period Ended 31st December 2020

IV. Minor Works:

(Jul – Dec 2020)

A. The following minor works have been completed during the period of report: (Project Cost: HK\$93 Mil)

- (1) Alteration and Major Renovations to Inter-University Hall into an InnoHub.
- (2) Alteration and Addition works for Chiang's Building.
- (3) Renovation Works of Clean Room Laboratories on 2/F of Hong Kong Institute of Biotechnology.
- (4) Fitting Out Works for Laboratories on M/F of Hong Kong Institute of Biotechnology.
- (5) Fitting Out Works for Electronic Microscope Laboratory at LG/F of University Science Centre.
- (6) Fitting Out Works for converting Language Laboratories into Multi-purpose classrooms at Lee Shau Kee Building and Yasumoto International Academic Park.
- (7) Fitting Out Works at Lady Ho Tung Hall.
- (8) Renovation Works for Faculty of Medicine at Prince of Wales Hospital:
 - (a) Lui Che Woo Clinical Sciences Building
 - Rooms 64002, 64042, 64043 & 64048, 4/F, for Department of Surgery
 - Rooms 24151A, 24156A & 24160A, G/F, for Department of Surgery
 - Rooms 38052, 38070A and 38070B, 1/F, for Department of Anatomical and Cellular Pathology
 - (b) The Sir Yue-Kong Pao Centre for Cancer and The Lady Pao Children's Cancer Centre
 - Room 424A, 4/F, for Department of Surgery
 - 3/F (Room 306A) & 4/F (424B & 428), for Department of Surgery
 - Room 512, 5/F, for Department of Anatomical & Cellular Pathology
 - (c) Special Block E & F
 - Office 2 & 3, 1/F, Block F for Department of Obstetrics and Gynecology
 - (d) CUHK Li Ka Shing Medical Sciences Building
 - Room 1001, 10/F, for Department of Surgery
 - Room 1107, 11/F, for Li Ka Shing Institute of Health Sciences

B. The following minor works are at different stages of construction or implementation: (Project Cost: HK\$112 Mil)

- (1) Renovation Works of GMP Laboratories on G/F of Hong Kong Institute of Biotechnology (January 2021)
- (2) Fitting Out Works of Laboratory 3 & 5 on 8/F of Mong Man Wai Building (May 2021)
- (3) Renovation Works of PV panel, metal shelter and climbing wall at University Sports Centre Annex (June 2021)
- (4) Renovation Works for Faculty of Medicine at Prince of Wales Hospital:
 - (a) Lui Che Woo Clinical Sciences Building
 - Rooms 114038 & 114041, 9/F for Department of Medicine and Therapeutics – (January 2021)
 - Seminar Room & CSLC Office, 2/F for Faculty and Planning Office (February 2021)
 - (b) The Jockey Club School of Public Health and Primary Care
 - 3/F (Room 327B) & 4/F (Room 415 to 419 (February 2021)
 - Room 417, 4/F (February 2021)

Remarks: () denotes scheduled completion date

Physical Development – Half-yearly Progress Report
For the Period Ended 31st December 2020

IV. Minor Works:

(Jul – Dec 2020)

C. The following minor works are at different stages of feasibility studies, design or tender:

- (1) Fitting Out Works for PET/MRI laboratory at Shanghai Fraternity Association Research Services Centre – detailed design completed and tender returned
- (2) Proposed Renovation Works at 1/F Tin Ka Ping Building
 - (a) Phase 1: Expansion of HK Literature – schematic design in progress.
 - (b) Phase 2: New Space for Contemporary Chinese Literature – schematic design in progress.
- (3) GIS based Slope Information System and Engineer Inspection for Maintenance - Engineer Inspection for 159 out of 180 features were completed. The remaining 21 slopes are newly identified features pending for GEO registration.
- (4) Renovation Works for Faculty of Medicine at Prince of Wales Hospital:
 - (a) Animal facilities on G/F; 3/F, 9/F, 10/F & 11/F of Li Ka Shing Medical Sciences Building and Flats A& B, 9/F, Staff Quarter B into new research offices and laboratories – setting up User Committee and invitation for consultants' Express of Interest to tender the consultancy service
 - (b) Lui Che Woo Clinical Sciences Building
 - Rooms 74045 to 74046, 5/F, for Department of Orthopaedics & Traumatology – pending user's funding
 - Room 94008, 7/F, for Faculty of Planning Office – pending HA's approval and user's funding
 - PC Laboratory at Li Ping Library for Faculty of Medicine – construction works will be commenced in March 2021
 - (c) The Sir Yue-Kong Pao Centre for Cancer and The Lady Pao Children's Cancer Centre
 - Room LG11, LG/F, for Faculty and Planning Office – construction works will commence in February 2021
 - Server Room & PET-CT Room, LG/F, for Department of Imaging and Interventional Radiology – pending HA's approval and user's funding
 - (d) Special Block E & F
 - Room 319, 1/F, Block E, for Department of Obstetrics and Gynecology – schematic design in progress
 - Room 41026, 2/F Block E, for Faculty of Medicine – pending user's funding
 - (e) Supply and Installation of Digital Signage at Teaching Facilities at
 - CUHK Li Ka Shing Medical Sciences Building
 - The Jockey Club School of Public Health and Primary Care
 - Lui Che Woo Clinical Sciences Building

} Tender issued



S.M. Fung
Director, Campus Development Office

SMF/SCL

Distribution:

Chairman & Secretary-General, UGC
Members of the University Council

11th March 2021

Programme – Capital Projects

CDO – Dec 2020

Funding	Item	Project	Year															
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		
UGC Funding	Hostel Development Fund	1) 300-place Student Hostel at New Asia Campus	Inception	Schematic Design			EP Approval	Foundation	RC Structure	OP	Completion							
		2) 250-place Student Hostel at United Campus					Consultancy	Tender	Detailed Design	Foundation	RC Structure	Finishes / Partitioning / External Works	OP	Completion				
		3) 300-place Student Hostel at Shaw Campus					Inception & Consultancy	Tender	Detailed Design	Site Formation / Foundation	RC Structure	Finishes / Partitioning / External Works	OP	Completion				
		4) 300-place Student Hostel at Chung Chi Campus					Inception / Site Surveys / Consultancy	Tender	Detailed Design	Documentation	Foundation	RC Structure	Finishes / Partitioning / External Works	OP	Completion			
		5) 250-place Student Hostel at Wu Yee Sun Campus					Pre-Project Co-ordination	Inception / Concept Design / Detailed Design	Documentation	Site Formation / Foundation	RC Structure	Finishes / Partitioning / External Works	OP	Completion				
		6) 394-place Student Hostel in Area 39					Land Matter, Land Formation & Site Possibilities (with CDD/DLO) / Inception	Consultancy	Tender	Detailed Design	Documentation	Foundation	RC Structure	Finishes / Partitioning / External Works	OP	Completion		
UGC Funding	New Projects	CAT B+	7) Centralized General Research Laboratory Complex (Block 2) in Area 39					Detailed Design / Tender	Foundation	RC Structure	Finishes / Partitioning / External Works	OP	Completion					
		CAT B-	8) Centralized General Research Laboratory Complex (Block 3) in Area 39					Consistency	Tender	Detailed Design	Construction	Completion						
		9) Teaching Building Adjacent to Art Museum							Detailed Design	Tender	Construction	Completion						
		10) Engineering Building at Central Campus							Detailed Design	Tender	Construction	Completion						
		11) Innovation and Sustainability Building at Station Road							Detailed Design	Tender	Construction	Completion						
FHB Funding	Projects Under Application	12) Teaching-Research Complex in Area 39					Inception	Schematic Design / Detailed Design	Document & Tender	Foundation	RC Structure	Finishes / Partitioning / External Works	OP	Completion				
		13) Renovation of Choh-Ming Li Basic Medical Sciences Building					UGC Approval	Consultancy	Tender / Detailed Design	Construction / Spatial Re-Organization	Completion							
Special / Private Funding		1) Chung Chi Student Development Complex						Detailed Design / Tender	RC Structure	OP	Completion							
		2) Redevelopment of Art Museum Annex						Inception / Consultancy	Tender	Detailed / Schematic Design	Foundation	RC Structure	OP	Completion				

Note: Programmes will be adjusted from time to time to suit actual progress and/or rescheduling arrangements

Programme – AA&I Projects

CDO – Dec 2020

Item	Project	2018	2019	2020	2021	2022	2023	
On-going Projects	i) Extension on roof of Mong Man Wai Building and 1/F of William M. W. Mong Engineering Building for new laboratory space	Consultancy Tender, Schematic Design, Detailed Design / Tender		Construction	Completion			
	ii) Extension of University Sports Centre	Consultancy Tender, Schematic Design, Detailed Design / Tender		Construction	Completion			
	iii) Upgrading of information technology infrastructure for Next Generation Campus Network	Detailed Design / Tender		Construction	Completion			
	iv) Provisions of new laboratory space	(a) Spatial reorganization of 5/F Mong Man Wai Building and Lady Shaw Building	Consultancy Tender, Schematic Design, Detailed Design, Tender		Construction	Completion		
		(b) Extension on 2/F of Ho Sin-Hang Engineering Building	Consultancy Tender, Schematic Design, Detailed Design, Tender		Construction	Completion		
	v) Space Addition and Reorganisation at G/F of Lady Shaw Building for Office	Detailed Design / Tender	Inception / Consultancy Tender	Schematic Design, Detailed Design, Tender	Demolition, Construction, Fitting-out	Completion		
	vi) Alteration and Addition Works at 1-2/F of Lady Shaw Building for HRO			Inception / Consultancy Tender, Schematic / Detailed Design, Tender	Demolition, Construction, Fitting-out	Completion		
	vii) Infrastructure and Safety Enhancement Works	(a) Stabilisation works for slope behind University Residence no.16 & 17	Detailed Design, Tender		Construction	Completion		
(b) Construction of New Dangerous Goods Stores for Compressed Gases on Campus		Consultancy Tender, Schematic Design, Detailed Design / Tender		Construction	Completion			
viii) Repairing Works for Two Slopes with Potential Danger (C32/C171)				Detailed Design, Tender	Construction	Completion		
New Projects	i) Upgrading and Addition of Sports Facilities at Outdoor Areas for Active Campus			Detailed Design, Tender	Construction	Completion		
	ii) Space Reorganization and Improvement of	(a) Music Department at Hui Yeung Shing Building		Consultancy Tender, Schematic Design, Detailed Design / Tender	Construction	Completion		
		(b) Faculty of Education at Ho Tim Building			Detailed Design, Tender	Construction	Completion	
	iii) Accessibility Improvement Works for Barrier Free Access	(a) Replacement of lifts at Chan Chun Ha Hall			Detailed Design, Lift Tender, Construction	Lift Ordering	Completion	
		(b) New lifts at Adam Schall Residence			Detailed Design, Tender	Construction	Completion	
		(c) Improvement works to lift lobby and upgrading existing lift at Elisabeth			Detailed Design, Tender	Construction	Completion	
		(d) Installation of automatic doors to toilets and automatic swing gates in libraries			Detailed Design, Tender, Schematic Design, Construction	Completion		
(e) Addition of lift from International House I/II to LG2/4 of Lee Woo Sing College				Detailed Design, Tender	Construction	Completion		
iv) Stabilisation of Slopes – Phase 15			Detailed Design, Tender	Construction	Completion			

Note: Programmes will be adjusted from time to time to suit actual progress and/ or rescheduling arrangements

PROJECT	SCHEDULED COMPLETION	STATUS
CENTRALISED GENERAL RESEARCH LABORATORY COMPLEX (BLOCK 3) IN AREA 39 NOFA : 12,000m ² CFA : 24,970m ²	2027	CAT B-
CENTRALISED GENERAL RESEARCH LABORATORY COMPLEX (BLOCK 2) IN AREA 39 NOFA : 12,000m ² CFA : 23,987m ²	2025	CAT B+
394-PLACE STUDENT HOSTEL IN AREA 39 NOFA : 4,420m ² CFA : 7,515m ²	2027	HDF
TEACHING-RESEARCH COMPLEX IN AREA 39 NOFA : 29,000m ² CFA : 56,670m ²	2026	CAT B+
300-PLACE STUDENT HOSTEL AT SHAW COLLEGE NOFA : 3,366m ² CFA : 5,720m ²	2024	HDF
250-PLACE STUDENT HOSTEL AT WU YEE SUN COLLEGE NOFA : 2,810m ² CFA : 5,100m ²	2026	HDF
250-PLACE STUDENT HOSTEL AT UNITED COLLEGE NOFA : 3,000m ² CFA : 5,100m ²	2023	HDF
LO KWEE SEONG PAVILION OF THE ART MUSEUM NOFA : 1,770 m ² CFA : 4,780 m ²	2023	PRIVATE
TEACHING BUILDING ADJACENT TO ART MUSEUM NOFA : 2,200m ² CFA : 4,440m ²	2026	CAT B-
ENGINEERING BUILDING AT CENTRAL CAMPUS NOFA : 4,600m ² CFA : 10,520m ²	2027	CAT B-
300-PLACE STUDENT HOSTEL AT CHUNG CHI COLLEGE NOFA : 3,366m ² CFA : 5,720m ²	2026	HDF
INNOVATION AND SUSTAINABILITY BUILDING AT STATION ROAD NOFA : 12,500m ² CFA : 31,960m ²	2027	CAT B-



PROJECT	SCHEDULED COMPLETION	STATUS
JOCKEY CLUB POSTGRADUATE HALLS 2 & 3 NOFA : 7,625 m ² CFA : 17,547m ²	Q4 2018	

300-PLACE STUDENT HOSTEL AT NEW ASIA CAMPUS NOFA : 3,480m ² CFA : 5,920m ²	2022	HDF
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CHUNG CHI STUDENT DEVELOPMENT COMPLEX NOFA : 2,430m ² CFA : 4,420m ²	2021	PRIVATE
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LEGEND

- PROJECT PLANNING & CONSULTANTS PROCUREMENT
- DETAILED DESIGN & WORKS TENDER
- CONSTRUCTION
- COMPLETION & FINAL ACCOUNT

CAT B+ / B- STATUS OF CAPITAL WORKS RESOURCE ALLOCATION EXERCISE

HDF HOSTEL DEVELOPMENT FUND

PRIVATE PRIVATE FUND

本署檔號 OUR REF: UGC/OFF/39/1/2020

來函檔號 YOUR REF:

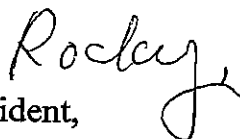
電 話 TELEPHONE: 2524 1795

中國香港灣仔港灣道 6 至 8 號瑞安中心 7 樓
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15 October 2020

Professor Rocky S. Tuan
Vice-Chancellor and President
The Chinese University of Hong Kong
Shatin
New Territories
Hong Kong

Dear Vice-Chancellor and President,



2020 Capital Works Resource Allocation Exercise

I write to inform you of the results of the 2020 Capital Works Resource Allocation Exercise (CWRAE).

The Government has considered the funding requests of the projects under the 2020 UGC Capital Programme and **reselected** your University's "**Centralised General Research Laboratory Complex (Block 2)**" (8056EF) for maintaining **Category B+** status. The Government has earmarked a provision of \$1,416.18 million in money-of-the-date prices for this project. We are working with your University to prepare for seeking funding approval by the Legislative Council (LegCo) in the 2020-21 legislative session accordingly.

The Government has also **selected** the following projects of your University for inclusion in **Category B-**:

- Centralised General Research Laboratory Complex (Block 3) in Area 39
- Innovation and Sustainability Building at Station Road
- Engineering Building at Central Campus
- Teaching Building adjacent to Art Museum

The updated estimates for the projects under 2020 CWRAE are shown at the Annex. For Category B- projects, pre-construction works may commence/continue but they are not allowed to be submitted to the LegCo for funding approval in the 2020-21 legislative session. Your attention is also drawn to the requirements on the projects imposed by the Development Bureau as set out at the Annex.

If your staff need further clarification on the above, please feel free to contact Ms Jenny Cheung, ASG (Capital) on 2844 9974 or Miss Fiona Lee, SEO (Capital) on 2844 9946.

Yours sincerely,



(Professor James Tang)
Secretary-General

Encls.

c.c. C, UGC
D Arch S (Attn: CTA/SP)
UGC/FIN/62/2020

**Capital Works Projects Selected for Category B-
Under 2020 Capital Works Resource Allocation Exercise**

Name of project	Project estimate ^(a) (in \$ million and 2020 price level)	Project estimate for detailed design work funded by AA&I block vote (in \$million)
Centralised General Research Laboratory Complex (Block 3) in Area 39 (8064EF)	1,429.28	23.50
Innovation and Sustainability Building at Station Road (8065EF)	1,549.59	25.90
Engineering Building at Central Campus (8066EF)	544.57	14.60
Teaching Building adjacent to Art Museum (8067EF)	243.10	9.90

- (a) The Technical Feasibility Statements of the projects were approved by the Development Bureau subject to the following requirements:

8064EF: "CUHK is required to review the design requirements to enable the adoption of Modular Integrated Construction (MiC), reduce the scope of basement as far as practicable, and strive to adopt cost effective design, with a view to reducing the overall project cost to below \$1,250 million at September 2019 price level."

8065EF: "CUHK is required to review the design requirements to enable the adoption of MiC as far as practicable and strive to adopt cost effective design with a view to reducing the total project cost to below \$1,250 million at September 2019 price level."

8066EF: "CUHK is required to review the design requirements to enable the adoption of MiC as far as practicable and strive to adopt cost effective design with a view to reducing the total project cost to below \$420 million at September 2019 price level."

8067EF: "CUHK is required to review the design requirements to enable the adoption of MiC as far as practicable and strive to adopt cost effective design with a view to reducing the total project cost to below \$200 million at September 2019 price level."

Proposed Centralized General Research Laboratory Complex Block 2 in Area 39 (Expanded and relocated version)



A multi-storey research laboratory building in Area 39, including research laboratories, seminar rooms, offices, DG stores, car parking facilities

CFA : 23,987 sqm

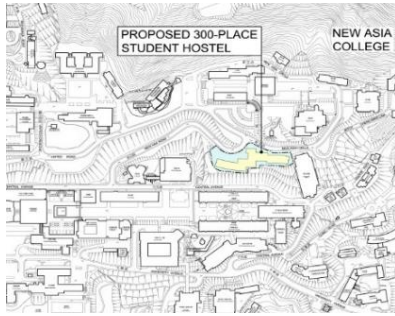
Preliminary Estimate : HK\$1,400 mil @4th Quarter 2020

Status : The project was upgraded to Cat. B+ in 2019 CWRAE pending Government funding for construction works. Detailed design and tender documents were completed, and the superstructure and foundation tender was let out and returned in March and October 2020 respectively. Tender assessment is in progress. LegCo’s Panel on Education meeting was held on 6 November 2020 and their support was obtained.

Completion : 2025

Appendix B - Capital Projects

New Student Hostels under Hostel Development Fund (HDF) - 300-place Student Hostel, New Asia Campus



Multi-storey 300-place student hostel on New Asia Campus with multi-purpose hall and related facilities

CFA : 5,920 sqm

Project Cost : HK\$269 mil

Status : Piling works were completed with pile loading test in progress. Pile cap and superstructure work will follow.

Completion : 3rd – 4th Quarter 2022



Pile Cap Preparation Works at Upper Platform in Progress – Block 3&4



Pile Cap Preparation Works at Lower Platform in Progress – Block 1

Appendix B - Capital Projects

New Student Hostels under Hostel Development Fund (HDF) - 250-place Student Hostel, United Campus



Multi-storey 250-place hostel with accommodation for wardens, tutors and supporting facilities

CFA : 5,100 sqm

Preliminary Estimate : HK\$225 mil @ 1st Quarter 2020

Status : Building Committee Meetings were held to confirm and agree major design issues. Meetings with College's New Student Hostel Users Group were held to collect end-users' requirements. Statutory submissions to Buildings Department were completed. Detailed design and tender documents were underway. Superstructure and foundation tender are to be let out in February 2021.

Completion : 4th Quarter 2023

Appendix B - Capital Projects

New Student Hostels under Hostel Development Fund (HDF) - 300-place Student Hostel, Shaw Campus



Multi-storey 300-place hostel with accommodation for wardens, tutors and supporting facilities

CFA : 5,800 sqm

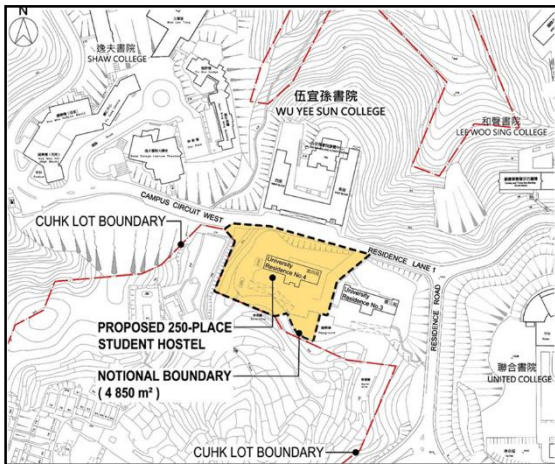
Preliminary Estimate : HK\$293mil

Status : Building Committee meeting was held in June 2020 to review and monitor the project design, budget and programme. First User Group Meeting established by College was held in Dec 2020 to collect users' requirements and comments. Statutory submissions to Buildings Department for approval are in progress.

Completion : 2nd Quarter 2024

Appendix B - Capital Projects

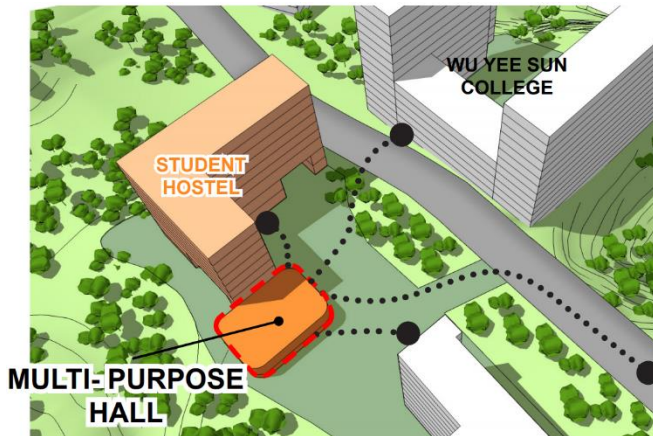
New Student Hostels under Hostel Development Fund (HDF) - 250-place Student Hostel, Wu Yee Sun College



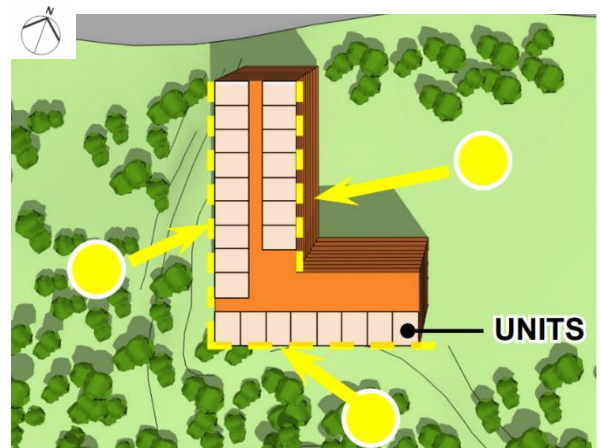
Block Plan



Aerial view



General arrangement



Planning concept

Multi-storey 250-place student hostel with accommodation for wardens, tutors and supporting facilities

CFA : 5,100 sqm approx.

Preliminary Estimate : HK\$224,330,000

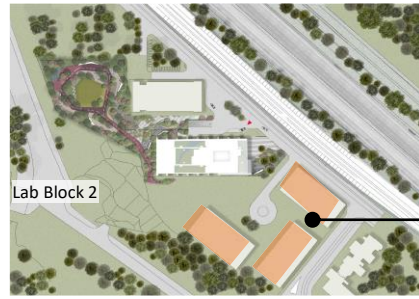
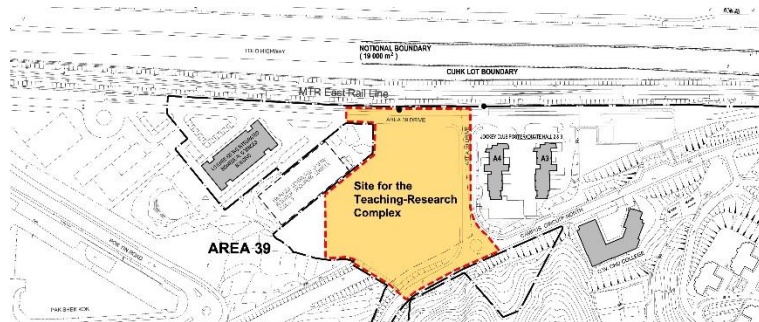
Status : Building Committee was formed and held the first meeting in May 2020. Invitations for Expression of Interest for the Lead Architectural and Associated Consultancy were issued in June 2020. Upon shortlisting of consultants by the Tender Assessment Panel (TAP), Tender Invitations were issued to the shortlisted tenderers in August 2020. 2-enveloped Technical and Fee proposals were returned in September 2020 and only the Technical proposals were opened for assessment with Tender Interviews conducted by TAP in November 2020. Technical Scores were given and unanimously endorsed by TAP in December 2020. Fee Proposals would be opened shortly to compute the combined Technical and Fee Scores to determine the winner.

Completion : 3rd Quarter 2026

Appendix B – Capital Projects

Government Funding by Food and Health Bureau

Faculty of Medicine Teaching-Research Complex in Area 39

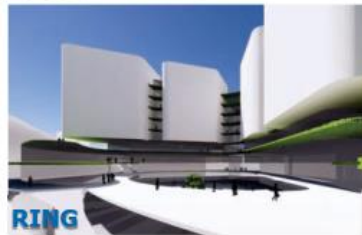
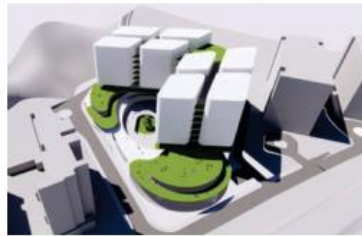


Faculty of Medicine Complex 56,570m²

Scheme 01



Scheme 02



Scheme 03



A multi-storey complex with specialized research and teaching laboratories, offices, lecture theatres/classrooms and amenities including a canteen, as well as support and car parking facilities.

CFA : 56,570 sqm

Project Estimate : HK\$2,720 mil @ Sept 2018

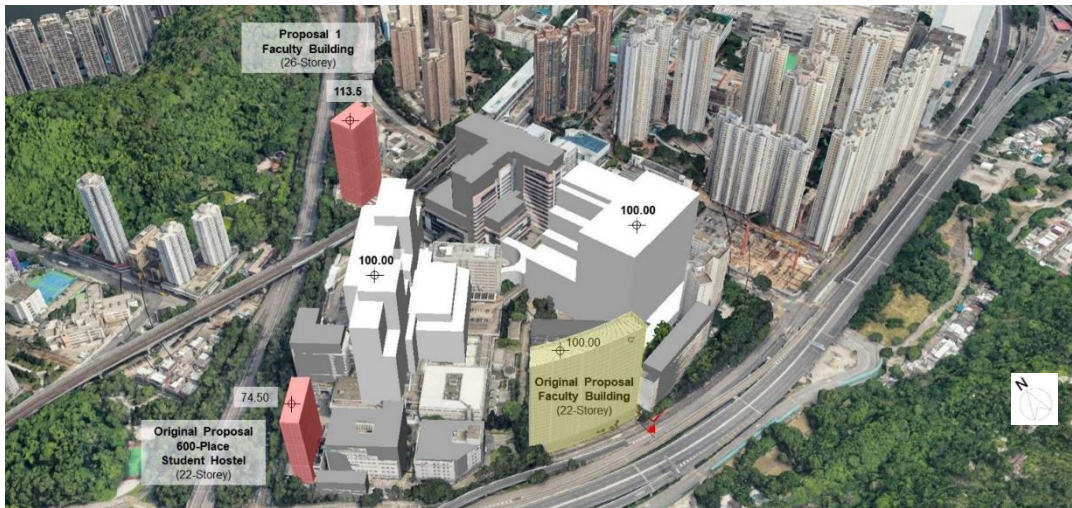
Status : With the approval of funding from LegCo Finance Committee in June 2020 to undertake design and prepare tender documents for the project, tender processes and appointments of the Lead Consultancy and QS Consultancy were finalized in Dec 2020. The appointed Architect Wong Tung & Partners Ltd. has just commenced site visits and organizing design / project meetings and user's workshops to develop the Brief for the project. Different massing studies / site planning options are being explored by the Consultant.

Completion : 4th Quarter 2026

Appendix B – Capital Projects

Government Funding by Food and Health Bureau

Re-provision and expansion of CUHK facilities in Prince of Wales Hospital



The project is at an exploratory stage which consists of constructing a multi-purpose building with clinical teaching facilities, research laboratories, offices and student and staff amenities as well as a new 600-place ancillary student residence for the medical students attending clinical placement.

Appendix C – Capital Projects

Private Funding

Chung Chi Student Development Complex



Chung Chi Student Development Complex includes upper block as “Multi-functional Building” with staff quarters and a mini-theatre, and the lower block as “Student Development Centre” with activity rooms and CC student union offices. A footbridge will link the two blocks with direct access from roof of Pommerenke Student Centre.

CFA : 6,800 sqm

Project Estimate : HK\$250 mil

Status : The foundation and excavation & lateral support works were substantially completed in June 2020. The pile caps and superstructure works were in progress, with a target to catch up any delay by the impacts from Covid-19 outbreak and potential disruption to supply of construction materials.

Completion : 3rd Quarter 2021

Redevelopment of Art Museum Annex



Redevelopment of existing Art Museum Annex to extension of gallery space with Exhibition Area, Café, Artist Studio, workshop and supporting facilities

CFA : 4,780 sqm

Project Cost : HK\$130 mil

Status : Hoarding and demolition works were commenced in Aug 2020 and will be completed in 1st Quarter 2021. Tender invitation for Main Contract (Foundation and Superstructure) was issued and returned in Dec 2020. Value engineering exercise has been carried out and separate tender packages for Foundation and Superstructure was under preparation and will be issued in 1st Quarter 2021.

Completion : 3rd Quarter 2023

Appendix D - Selected AA&I Projects

Extension of University Sports Centre



A new extension block of single floor fitness centre next to the existing University Sports Centre with roof garden on top. Due to COVID-19 situation and site constraints, the target completion was extended to 4th Quarter 2021.

CFA : 445 sqm

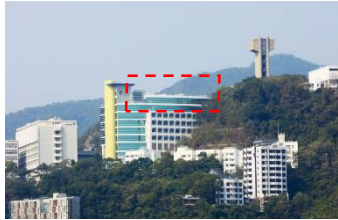
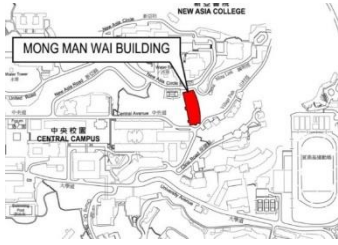
Project Cost : HK\$35 mil

Status : Construction works commenced in August 2019. Site formation and drainage diversion completed. Foundation and substructure works in progress.

Completion : 4th Quarter 2021

Appendix D - Selected AA&I Projects

Provision of New Laboratory Space on Roof Extension of Mong Man Wai Building



Roof top extension to provide new wet / teaching laboratories for research activities

- CFA : 640 sqm
- Project Cost : HK\$20 mil
- Status : Construction works was substantially completed in December 2020 and statutory inspections were in progress. The FSD, BD & WSD inspection/ re-inspection schedules were significantly affected due to COVID-19.
- Completion : 2nd Quarter 2021

Provision of New Laboratory Space at 1/F of William M W Mong Engineering Building

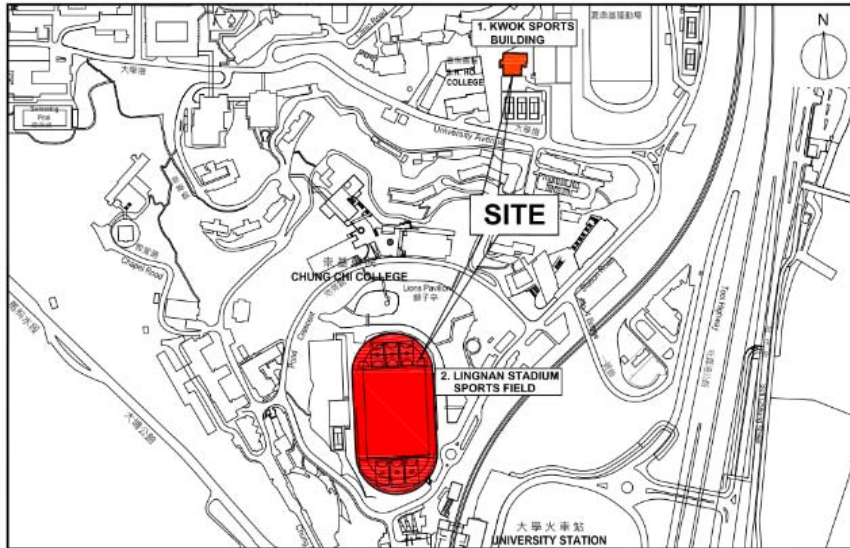


Extension on existing 1/F flat roof to provide new teaching laboratories for research activities

- CFA : 190 sqm
- Project Cost : HK\$10 mil
- Status : Construction works was completed and handover to user in August 2020.

Appendix D - Selected AA&I Projects

Upgrading and Addition for Sports Facilities at Outdoor Area for Active Campus



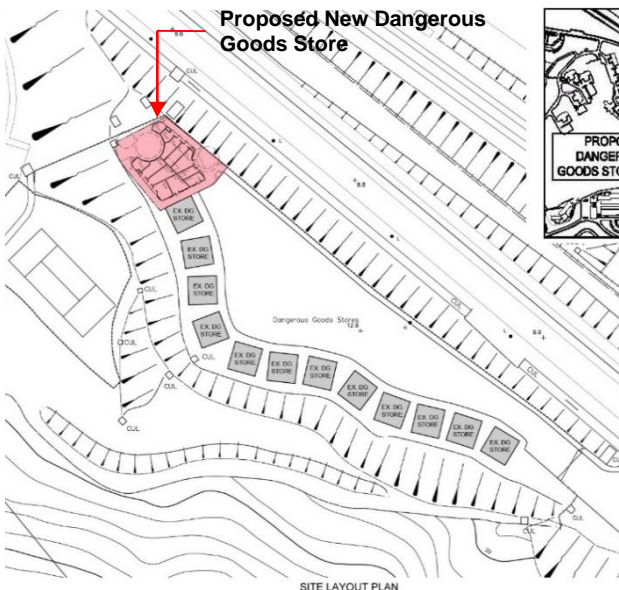
Upgrading the squash courts at Kwok Sports Building and basketball field/ lamp post/ irrigation system at Lingnan Sports Field

Project Cost : HK\$ 28.116 mil

Status : User Committee meeting was held in November 2020 to discuss about the scope and programme of works. Tender for main contract was being carried out and the target date for commencement of construction works was at 2Q 2021.

Completion : 3rd Quarter 2021

Construction of New Dangerous Goods Stores for Compressed Gases on Campus



Construction of New Dangerous Goods Stores for Compressed Gases on Campus

CFA : 155 sqm

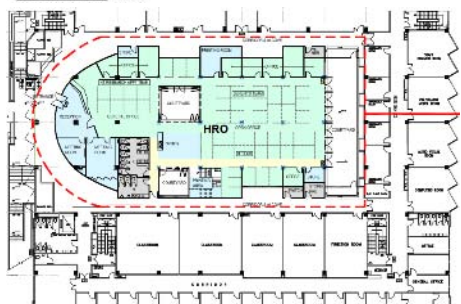
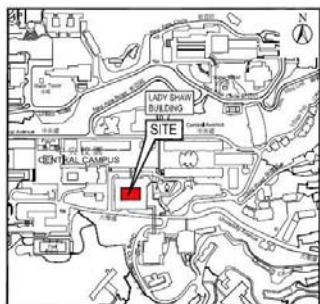
Project Cost : HK\$ 8.89 mil

Status : Main contract was awarded and construction works was commenced in October 2020. Tree transplanting, footing works were completed. Superstructure and underground utilities works in progress.

Completion : 2nd Quarter 2021

Appendix D - Selected AA&I Projects

Space Addition and Reorganisation at G/F of Lady Shaw Building for Office



Construction of an extension at the open courtyard at G/F of Lady Shaw Building for office use

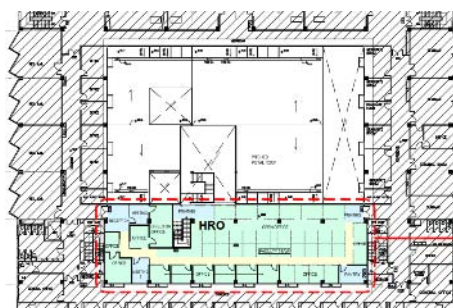
CFA : 795 sqm

Project Estimate : HK\$30 mil

Status : The consultant team has completed the design and secured approvals of various plans from BD. Tender for the works is being carried out and the target date for commencement of construction works is 1st Q 2021.

Completion : 1st Quarter 2022

Alteration & Addition at 1-2/F of Lady Shaw Building for Human Resources Office



A&A works will be carried out at part of 1/F & 2/F of Lady Shaw Building to accommodate Human Resources Office being re-located from Mong Man Wai Building

CFA : 695 sqm

Project Estimate : HK\$15 mil

Status : The consultant team has completed the design and secured approvals of various plans from BD. Tender for the works is being carried out and the target date for commencement of construction works is 1st Q 2021.

Completion : 1st Quarter 2022

Appendix D – Selected AA&I Project

Spatial Re-organization and Improvement Works of Music Department at Hui Yeung Shing Building



L / G Design



L / G Design



3 / F 3D Model



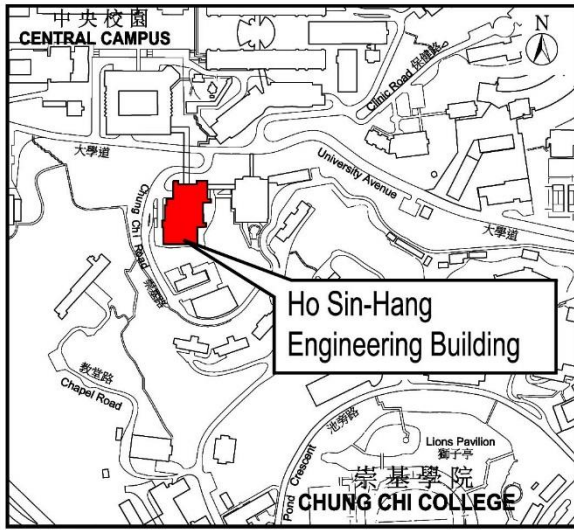
3 / F 3D Model

The proposed works involve mainly the spatial re-organization at the LG/F, G/F and 3/F of Hui Yeung Shing Building, to optimize the use of space of Music Department. User Committee Meeting was held and Lead architectural consultant was appointed. Schematic design and statutory submissions to Buildings Department were in progress.

CFA : 1,080 sqm
Project Cost : HK\$11.3 mil
Completion : 4th Quarter 2022

Appendix D - Selected AA&I Projects

Provision of New Laboratory Space - Extension on 2/F of Ho Sin-Hang Engineering Building



Location Plan



New Lab Space/ workshop at 2/F Flat Roof



2/F Flat Roof (before renovation)



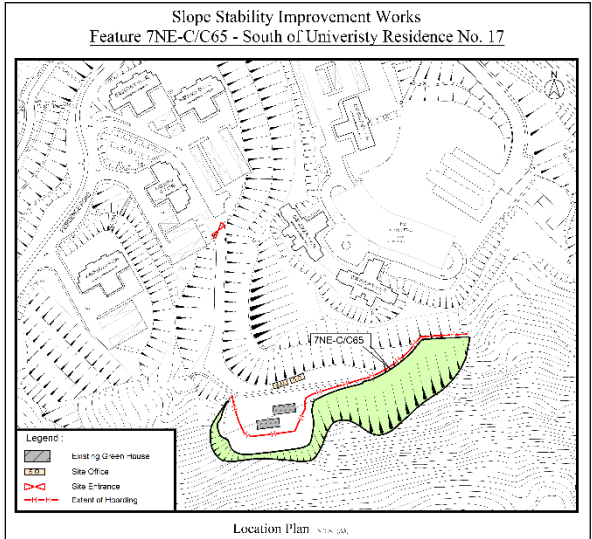
Extension of Lab Space at 2/F Flat Roof

Extension on existing 2/F flat roof to provide new teaching laboratory/ workshop for research activities.

CFA	:	280 sqm
Project Cost	:	HK\$7 mil
Status	:	Construction works was completed and handover to user in October 2020.
Completion	:	4 th Quarter 2020

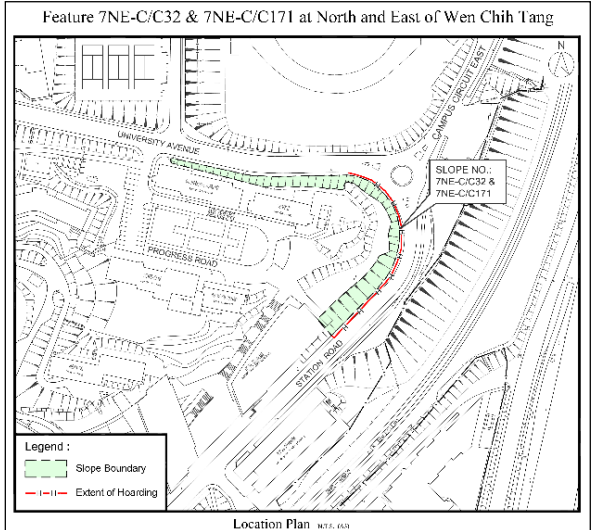
Appendix D - Selected AA&I Projects Infrastructure Enhancement

Slope Improvement Works



Slope stabilization works for Feature no. 7NE-C/C65 at the south of University Residence No.17. Stabilization works consisted of soil nails, rock dowels, buttress wall, drainage channels and maintenance access. Major geotechnical works were substantially completed while the associated works including drainage construction and removal of protective fence are in progress.

Project Cost : HK\$11 mil
Completion : 1st Quarter 2021



Slope stabilization works for Feature nos. 7NE-C/C32 and 7NE-C/C171 near the junction of Station Road and University Avenue. Stabilization works including soil nails installation, raking drains, rock scaling were completed while surface drainage and mesh protection are in progress.

Project Cost : HK\$2.48 mil
Completion : 2nd Quarter 2021

Appendix E – Selected Asset Enhancement Projects

Renovation Works of Chan Kwan Tung Inter-University Hall and Chiang's Building



Chan Kwan Tung Inter-University Hall

Renovation of existing Guest House to provide 19 flats of Staff Quarters

CFA : 1,113 sqm
Project Cost : HK\$ 24 mil
Status : Completed and handed over to users
Completion : January 2020

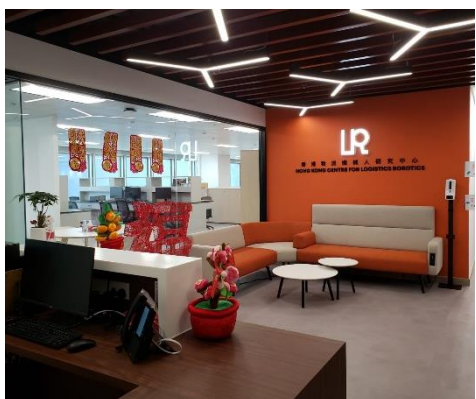
Chiang's Building

Renovation of existing Postgraduate Hall to provide 64 guest rooms with supporting facilities

CFA : 2,345 sqm
Project Cost : HK\$ 55 mil
Status : Completed and handed over to users.
Completion : July 2020

Appendix F - InnoCentres Project

Renovation Works for InnoCentres of TR@CUHK at Hong Kong Science Park



Renovation works include research laboratory space with associated offices and ancillary facilities at 5/F, 10/F and 13/F of 17W, 16/F of 19W, 1/F of 18E and G/F of 20E in Hong Kong Science Park

CFA : about 6,000 sqm

Project Cost : HK\$ 100 M

Status : • Hong Kong Centre for Logistics Robotics Ltd
• Centre for Perceptual and Interactive Intelligence Ltd.(CPII)
• Microbiota I-Center (MagIC) Limited
• Centre for Novostics Limited
• Multi-scale Medical Robotics Center Limited

Site works were commenced in June 2020 progressively. Four Centres had been completed by end December 2020 and the fifth one will be completed by April 2021

Appendix G - Selected Minor Works Projects

Renovation of Inno Hub at Inter-University Hall



Renovation of Inter-University Hall from LG/F to 3/F for InnoHub (renamed as Innoport) to house Pi Centre, EPIN Office for ORKTS including the facilities for café, offices, exhibition area and co-working space etc.

- Status : Works completed.
- Project Cost : HK\$16 mil
- Commencement : October 2019
- Completion : Phase 1 (UG/F to 3/F) – July 2020
: Phase 2 (LG/F) – December 2020



Appendix G - Selected Minor Works Projects

Design and Build for GMP Laboratory at GF & MF of Hong Kong Institute of Biotechnology



Fitting out works for GMP laboratories (2nos. Class B laboratories/ 4 nos. Class C laboratories) with associated support facilities

CFA : 360 sqm

Project Cost : HK\$32mil

Status : Construction works commenced in September 2020. Fitting out and finishing works were near completion; testing and commissioning works of mechanical and electrical system are in progress. Licensing application to Department of Health is under preparation.

Completion : February 2021