

Prepared by

Ramboll Hong Kong Limited

**PROPOSED SCHOOL AT VARIOUS LOTS IN D.D. 94, 98 & 100
AND ADJOINING GOVERNMENT LAND, KWU TUNG SOUTH,
NEW TERRITORIES**

SEWERAGE IMPACT ASSESSMENT

Date **January 2026**

Prepared by **Sally Chiu**
Assistant Environmental Consultant

Signed



Approved by **Tony Cheng**
Environmental Consultant

Signed



Project Reference **HENKTSISEI00**Document No. **R9853_v1.2.docx**

No part of this document may be reproduced or transmitted, in any form or by any means electronic, mechanical, photographic, recording or otherwise, or stored in a retrieval system of any nature without the written permission of Ramboll Hong Kong Ltd, application for which shall be made to Ramboll Hong Kong Ltd, 21/F, BEA Harbour View Centre, 56 Gloucester Road, Wan Chai, Hong Kong.

Disclaimer: This report is made on behalf of Ramboll Hong Kong Ltd. No individual is personally liable in connection with the preparation of this report. By receiving this report and acting on it, the client or any third party relying on it accepts that no individual is personally liable in contract, tort or breach of statutory duty (including negligence).

Ramboll Hong Kong Limited

21/F, BEA Harbour View Centre
56 Gloucester Road, Wan Chai, Hong KongTel: (852) 3465 2888
Fax: (852) 3465 2899
Email: hkinfo@ramboll.com

Q:\Projects\HENKTSISEI00\04 Deliverables\03 SIA\v1.2\R9853_v1.2.docx

CHAPTERS

	Page
1. INTRODUCTION	1-1
1.1 Background and Objectives.....	1-1
1.2 Application Site and its Environs	1-1
1.3 Proposed Development.....	1-1
2. SEWERAGE IMPACT ASSESSMENT	1-1
2.1 Scope of Work.....	2-2
2.2 Assessment Criteria and Methodology	2-2
2.3 Existing and Future Sewerage System.....	2-2
2.4 Wastewater Generated by the Proposed Development.....	2-2
2.5 Assessment of Sewerage Impact	2-4
3. OVERALL CONCLUSION	3-1

TABLES

Table 1.1	Development Schedule of the Proposed Development	1-1
-----------	--	-----

FIGURES

Figure 1.1	Location of the Application Site and its Environs	1-1
------------	---	-----

APPENDIX

Appendix 1.1	Master Layout Plan
Appendix 2.1	Detailed Sewage Flow Calculation
Appendix 2.2	Locations of the STPs

1. INTRODUCTION

1.1 Background and Objectives

- 1.1.1 The applicants, Global King Investment Limited, Winpost (HK) Investment Limited and Rand Development Limited, seek to rezone the current "Agriculture" zoning with a minor portion of "Green Belt" of the Application Site as outlined in the approved Kwu Tung South Outline Zoning Plan No. S/NE-KTS/22.
- 1.1.2 Ramboll Hong Kong Limited is commissioned to conduct the sewerage impact assessment based on the information regarding the proposed scheme.

1.2 Application Site and its Environs

- 1.2.1 The Application Site is situated along the Sheung Yue River which separate the Application Site into 2 portions (West and East Portions). It is bounded by Sheung Shui Hang Tau Village Sitting Out Area No.2 to the North and Po Shu Garden to the East.
- 1.2.2 **Figure 1.1** shows the location and the environs of the Proposed Development.

1.3 Proposed Development

- 1.3.1 Under the current application, the Application Site is proposed for an International School development. Details of the proposed development schedule are summarised in **Table 1.1** below and the layout plan is shown in **Appendix 1.1**.

Table 1.1 Development Schedule of the Proposed Development

Portions Located	West	East
Site Area (m ²)	~92,616	~35,616
Total GFA (m ²)	~126,850	~44,150
No. of Blocks	18	6
No. of Classrooms	76	65
No. of Students	1,600	1,400
No. of Staff (Including Teaching and Non-Teaching)	338	295
No. of Student/ Staff who can Live in the Accommodation	2243	0
Completion Year	2036	

2. SEWERAGE IMPACT ASSESSMENT

2.1 Scope of Work

- 2.1.1 The aim of this study is to compare the sewage flow generated from the proposed development with the sewage flow generated from the existing usage, and to determine whether adverse sewage impact is anticipated.

2.2 Assessment Criteria and Methodology

- 2.2.1 The Commercial and Industrial Floor Space Utilization Survey (CIFSUS) conducted by the Planning Department has been used to determine the worker density for various economic activities and planned usage types.
- 2.2.2 Environmental Protection Department's (EPD's) Guidelines for Estimating Sewage Flows for Sewerage Infrastructure Planning, Version 1 (GESF) has been referred to for the purposes of estimating the quantity of the sewage generated from the Proposed Development and the existing catchment area. Sewage flow parameters and global peaking factors in this document have been adopted for this SIA.
- 2.2.3 According to the GESF, the overall unit flow is composed of flows due to employees and the associated activities. The following unit flow factors have been adopted in the SIA calculation in accordance with Tables T-1, T-2 and T-3 of the GESF:
- J10 Restaurants & Hotels: 1.58 m³/day
 - J11 Community, Social & Personal Services: 0.28 m³/day
 - Domestic Flow – Institutional and Special Class: 0.19 m³/day

2.3 Existing and Future Sewerage System

- 2.3.1 With reference to the sewerage system shown in Geoinfo Map, there is currently no existing public sewerage system in the vicinity of the Application Site.

2.4 Wastewater Generated by the Proposed Development

- 2.4.1 The sewage generated by the proposed development is given in **Table 2.1** shown below. Detailed Calculation (including the breakdown for West and East Portions) refers to **Appendix 2.1**.

Table 2.1 Estimated Peak Flow (Overall)

Calculation for Sewage Generation Rate of the Proposed Development at the Application Site		
1. Internation School		
Total number of teachers & staff	=	633 people
Unit Flow Factors of teachers & staff	=	0.28 m ³ /person/day (refer to Table T-2 of GESF, Community, Social & Personal Services)
Total number of students	=	3000 people
Unit Flow Factors of students	=	0.04 m ³ /person/day (refer to Table T-2 of GESF, School Student)
Sewage Generation rate	=	297.2 m ³ / day
2. Swimming Pool		
Assumed area	=	2500 m ²
Assumed depth of water	=	1.5 m
Volume of water	=	3750 m ³
Turnover Rate	=	4.0 hr (CAP132CA, Section 9 Swimming Pools Regulation (covered))
Surface loading rate of filter	=	50.0 m ³ /m ² /hr
Filter areas required	=	7.5 m ²
Backwashing flow rate	=	30.0 m ³ /m ² /hr
Design flow for backwashing	=	562.5 m ³ /hr
Backwash duration	=	3.0 min/day
Backwash generation rate	=	28.1 m ³ /day
Instant Peak Flow	=	156.3 L/s
3. Dormitory		
No. of residents	=	2243 people
Unit Flow Factors	=	0.19 m ³ /person/day (Institutional and Special Class in Table T-1 of GESF)
Sewage generation rate	=	426.2 m ³ /day
4. Canteen		
Assumed floor area	=	4500 m ²
Assumed floor area per employee	=	19.6 m ² /employee
Total number of employees	=	230 employees
Unit Flow Factors of commercial employees	=	1.58 m ³ /employee/day
Sewage generation rate	=	362.6 m ³ /day
Total Flow from the Proposed Development		
Flow rate	=	1114.1 m ³ /day
Flow rate with P _{ClF}	=	1114.1 m ³ /day (refer to Table T-4 of GESF – North District - 1.0)
Contributing population	=	4126 People (refer to Section 12 of GESF)
Peaking factor	=	4 (refer to Guidelines for the Design of Small Sewage Treatments Plants)
Peak flow	=	51.6 L/s

2.5 Assessment of Sewerage Impact

- 2.5.1 As mentioned in **Section 2.3.1**, there is no existing sewerage connection in the vicinity of the Proposed Development. It is proposed to construct private STPs in the development site to handle the development sewage.
- 2.5.2 The estimated Average Dry Weather Flow (ADWF) from the proposed development is approximately 705.7 m³/day and 380.3 m³/day in West and East Portion respectively. The estimated peak flow from the proposed development is approximately 33.3 L/s and 18.3 L/s in West and East Portion respectively. Detailed Sewage flow calculation refers to **Appendix 2.1**.
- 2.5.3 The sewage generated from the Proposed Development would be collected and treated on-site and ultimately be discharged to Sheung Yue River through proposed stormwater drain.
- 2.5.4 To avoid the contamination of the Sheung Yue River, no sewage can be passed through and discharged to the Sheung Yue River before treatment. Therefore, two private sewage treatment plants, namely STP – West and STP – East are proposed to treat the sewage discharge generated from West and East Portion of the development respectively. The design capacity of each STP is summarized in **Table 2.2** and the location of the STPs are presented in **Appendix 2.2**.

Table 2.2 Design Capacity of STPs

	Design Capacity (m³/day)	Design Capacity (L/s)
STP – West	719.7	33.3
STP – East	394.4	18.3
Total	1114.1	54.6

- 2.5.5 The design capacity of STP – West and STP – East are calculated and the construction of STP – West and STP – East shall be completed before the school admission in 2036. The treated effluent will be discharged to Sheung Yue River through the proposed storm drain.
- 2.5.6 The exact treatment process would be subject to later detailed design and submissions. It will be necessary for the treatment facilities to achieve the necessary discharge standards, as set out in EPD's Technical Memorandum – Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters. STP – West corresponds to flow category ">600 and <=800", while STP – East corresponds to flow category ">200 and <=400".
- 2.5.7 Membrane bioreactor with ultra-filtration (MBR) is generally recommended to achieve required effluent discharge standard and sludge dewatering system will be provided and designed in accordance with the requirement in the "Guidelines for the Design of Small Sewage Treatments Plants" issued by EPD.
- 2.5.8 Sludge storage tank with deodorisation facilities will be provided. Exhaust fan will be located and facing away from existing and planned air sensitive uses. The sludge after having been dewatered and thickened will be tanked away to the landfill for disposal subject to confirmation with future licensed collector/contractor. As good practice for sewage treatment facilities, measures will be incorporated into the design to minimize

the risk of emergency overflow from the treatment plant. These measures will include standby pumps, secure power supplies and appropriate alarms, as well as comprehensive Operation and Maintenance procedures, to keep the facilities in good working order. Holding tank for emergency storage/retention will be included with adequate capacity (e.g. to store 6-hours of ADWF discharge) to minimise need of emergency discharge. In the event of any emergency overflow, on-call crews will follow the overflow emergency response plan and proceed with the best response to correct the problem immediately. For example, the alarm system will be activated once overflow occurs. The on-call crews will provide instant response by acknowledging the alarm, to investigate the cause of overflow and correct the problem. The alarm system will repeat until it is acknowledged. In addition, the on-call crews will ensure the standby pump is switched on and contain the overflowed sewage using temporary weirs or vacuum trucks, where applicable.

2.6 Maintenance Responsibility

- 2.6.1 The Applicant will be responsible for construction of internal sewerage infrastructure (including the proposed STPs and storm drain) within the development site boundary.
- 2.6.2 The design of the proposed STPs will follow the Guidelines for the Design of Small Sewage Treatment Plants prepared by the EPD.
- 2.6.3 Future property management will be responsible for the maintenance of all the internal sewerage system (including the proposed STPs and storm drain) within the development site boundary.
- 2.6.4 The Applicant will be responsible for the construction, operation and maintenance of the STP. When there is a public sewer available in close proximity to the Application Site in future, the Applicant will make connection to the public sewer and dismantle the proposed underground STP subject to the agreement of DSD and EPD. As the sewage generated from the Application Site will be discharged to the public sewer in accordance with the Water Pollution Control (Sewerage) Regulation, no adverse quality impact is anticipated.
- 2.6.5 The Applicant will be responsible for the future sewer connection upon its availability in future and STP decommissioning with connection details subject to agreement of DSD.

3. OVERALL CONCLUSION

- 3.1.1 The SIA has been carried out to assess the impact on the existing sewerage system due to the Proposed Development.
- 3.1.2 The estimated Average Dry Weather Flow (ADWF) from the Proposed Development is about 1114.1 m³/day with 719.7 m³/day in West Portion and 380.3 m³/day in East Portion. The estimated peak flow from the proposed development is approximately 51.6 L/s with 33.3 L/s and 18.3 L/s in West and East Portion respectively.
- 3.1.3 2 on-site sewage treatment plants are proposed to treat the sewage discharge generated from West and East Portion and the treated effluent will be discharged to Sheung Yue River through the proposed storm drains.
- 3.1.4 It is concluded that no adverse sewerage impact is anticipated.

Figures

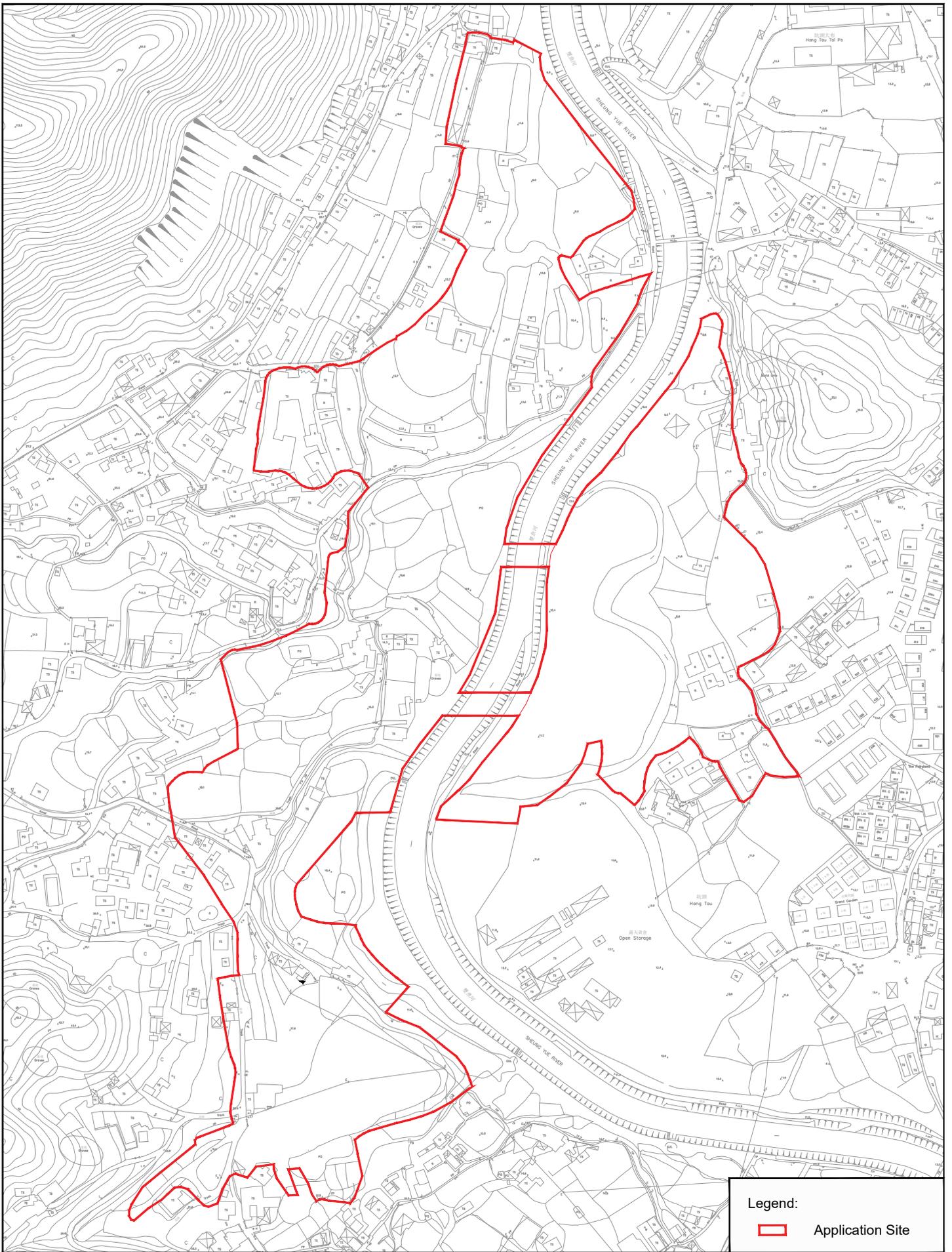


Figure: 1.1

Title: Location of the Application Site and its environs.

Project: Proposed School at Various Lots in D.D. 94, 98 & 100 and adjoining Government Land, Kwu Tung South, New Territories

Legend:

 Application Site



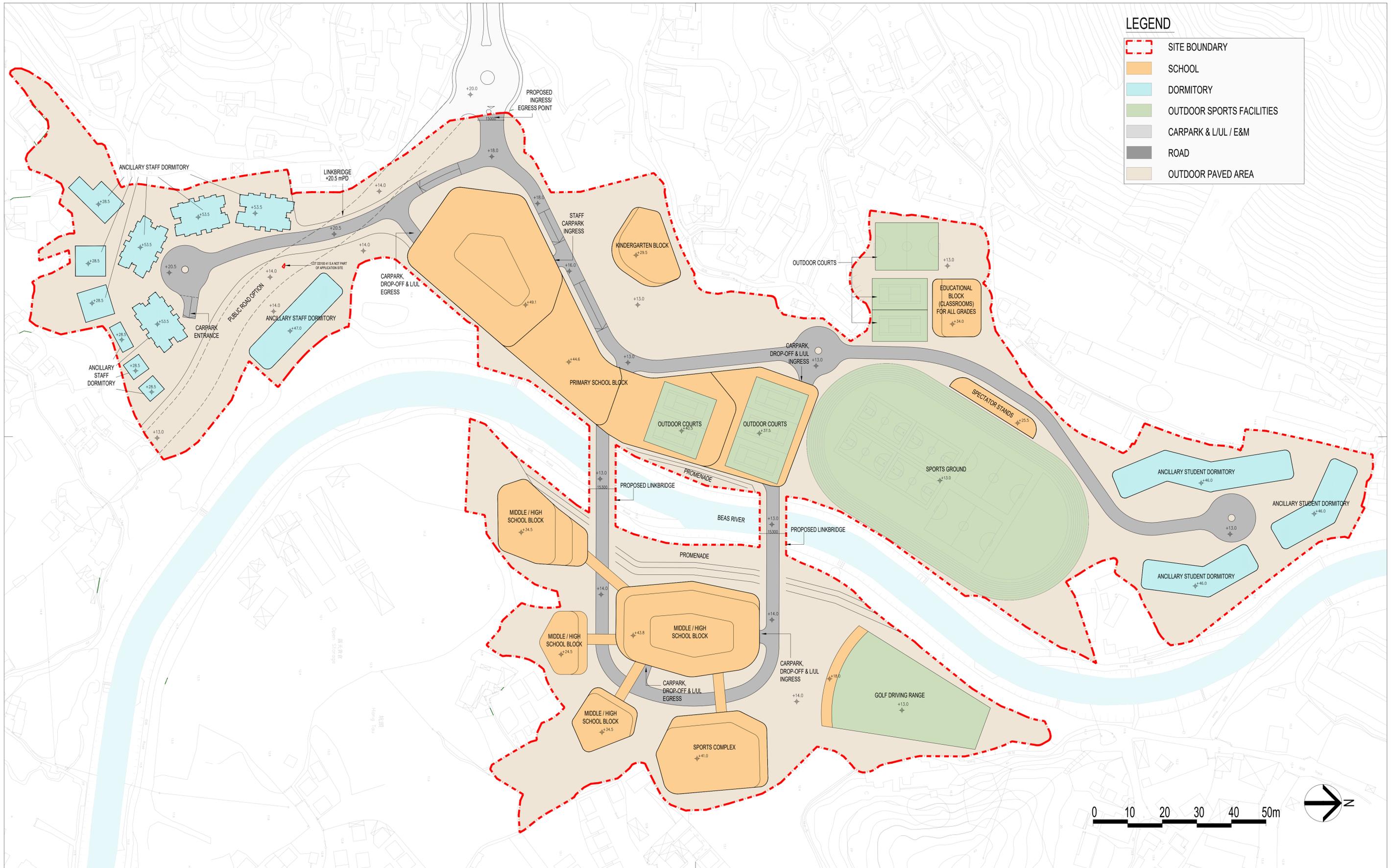
Drawn by: TL

Checked by: TC

Rev.: 1.1

Date: Jan 2026

Appendix 1.1 Master Layout Plan of the Application Site



LEGEND

- SITE BOUNDARY
- SCHOOL
- DORMITORY
- OUTDOOR SPORTS FACILITIES
- CARPARK & L/UL / E&M
- ROAD
- OUTDOOR PAVED AREA



Rev.	Description	Drawn	Checked	Approved	Date
—	PLANNING SUBMISSION	I.H.K.	I.J.H.	I.J.H.	19-2025
A	PLANNING SUBMISSION	I.H.K.	I.J.H.	I.J.H.	11-2025

Rev.	Description	Drawn	Checked	Approved	Date

Check all measurements on site. Do not scale off drawings.

This drawing is to be read in conjunction with the specification and any discrepancies are to be immediately reported to the Architect.

This drawing remains the copyright property of the Architect and is not to be reproduced in whole or in part without permission of the Architect.

B.D. Ref.	—
F.S.D. Ref.	—
D.L.O. Ref.	—
Drawn	H.K.O. Date 11-2025
Checked	J.H.K. Date 11-2025
Approved	J.H.Y. Date 11-2025
Cad File No.	P:\JHK\25018NT\planning submission\PL0T_BD\GBP_01_



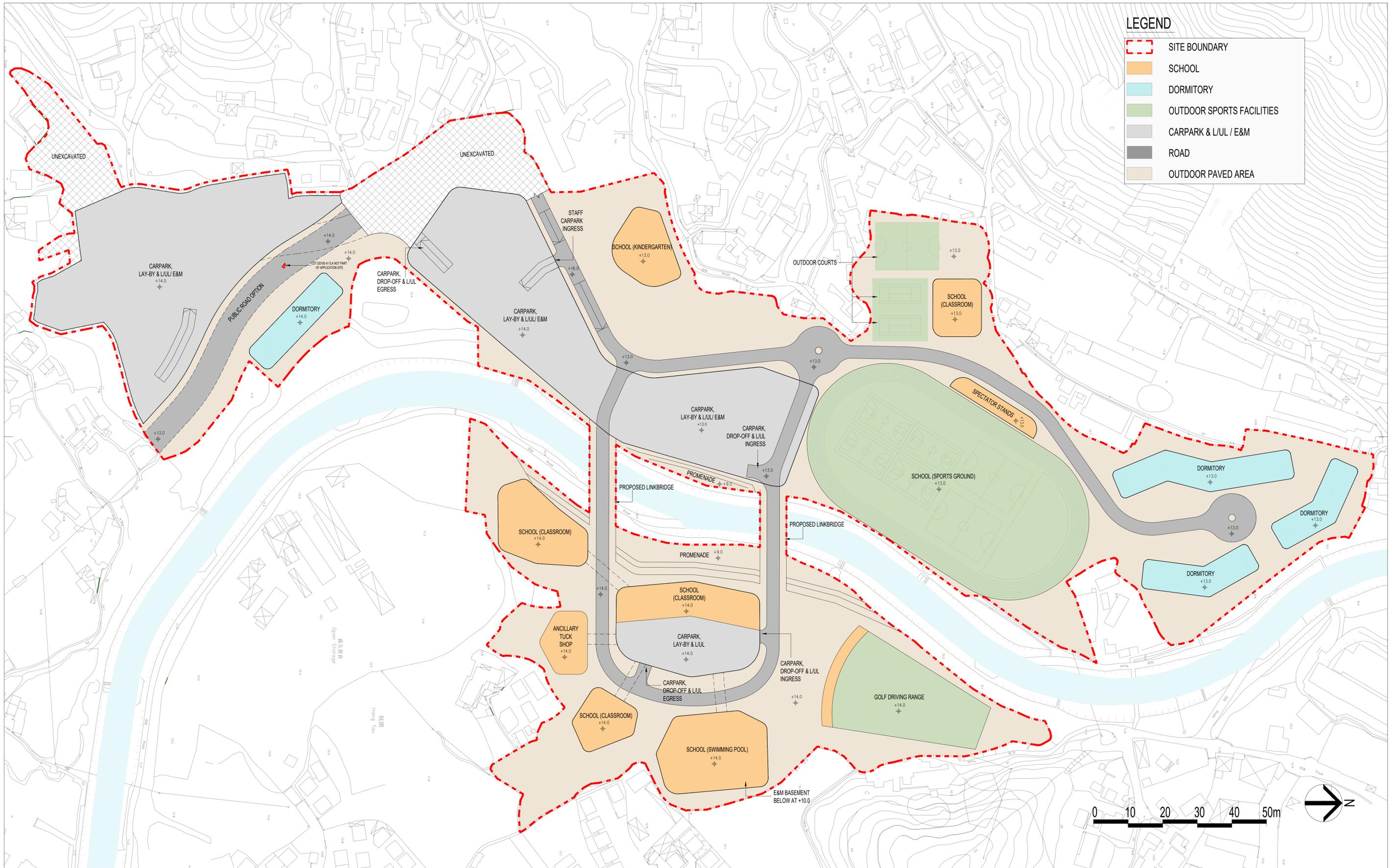
呂元祥建築師事務所

Project Title
PROPOSED INTERNATIONAL SCHOOL DEVELOPMENT AT KWU TUNG SOUTH

Drawing Title
FULL PHASE – MASTER LAYOUT PLAN

Project No. **25018NT**
 Scale **1:1000** Issue Date **NOV 2025**
 Drawing No. **A/GBP_01**

Drawing Purpose



Rev.	Description	Drawn	Checked	Approved	Date
—	PLANNING SUBMISSION	I HKO	I JHK	I JHY	9-2025
A	PLANNING SUBMISSION	I HKO	I JHK	I JHY	11-2025

Rev.	Description	Drawn	Checked	Approved	Date

Check all measurements on site. Do not scale off drawings.

This drawing is to be read in conjunction with the specification and any discrepancies are to be immediately reported to the Architect.

This drawing remains the copyright property of the Architect and is not to be reproduced in whole or in part without permission of the Architect.

B.D. Ref.	—
F.S.D. Ref.	—
D.L.O. Ref.	—
Drawn	HKO Date 11-2025
Checked	JHK Date 11-2025
Approved	JHY Date 11-2025
Cad File No.	P:\JHK\25018NT\planning submission\PLOT_BD\GBP_04

RONALD LU & PARTNERS

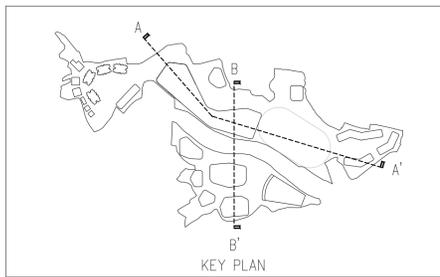
呂元祥建築師事務所

Project Title

Drawing Title
FULL PHASE –
GROUND FLOOR PLAN

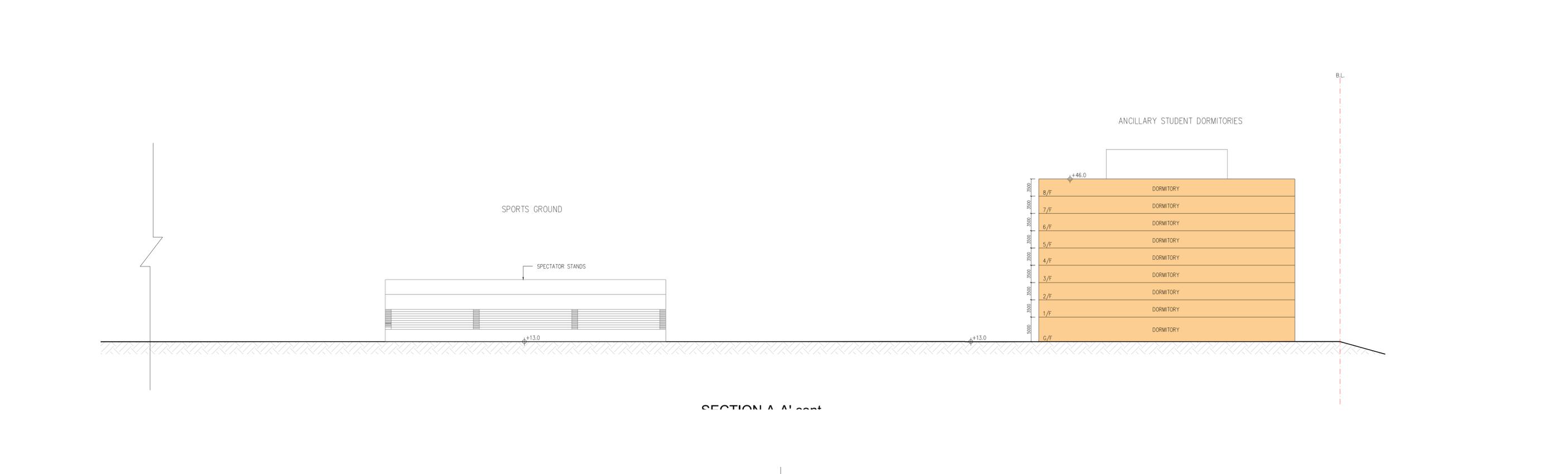
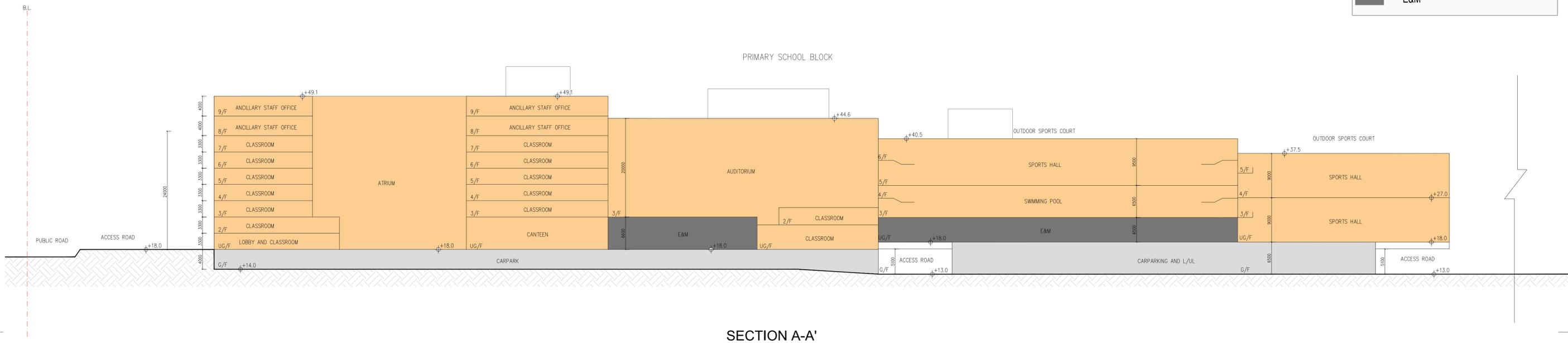
Project No. 25018NT
Scale 1:1000 Issue Date NOV 2025
Drawing No. A/GBP_02

Drawing Purpose



LEGEND

- SITE BOUNDARY
- SCHOOL
- DORMITORY
- OUTDOOR SPORTS FACILITIES
- CARPARK & L/UL
- E&M



Rev.	Description	Drawn	Checked	Approved	Date
—	PLANNING SUBMISSION	HKO	JHK	JHY	9-2025
A	PLANNING SUBMISSION	HKO	JHK	JHY	11-2025

Rev.	Description	Drawn	Checked	Approved	Date

Check all measurements on site. Do not scale off drawings.

This drawing is to be read in conjunction with the specification and any discrepancies are to be immediately reported to the Architect.

This drawing remains the copyright property of the Architect and is not to be reproduced in whole or in part without permission of the Architect.

B.D. Ref.	—
F.S.D. Ref.	—
D.L.O. Ref.	—
Drawn	HKO Date 11-2025
Checked	JHK Date 11-2025
Approved	JHY Date 11-2025
Cad File No.	P:\JHK\25018NT\planning submission\PLOT_BD\GBP_05

RONALD LU & PARTNERS

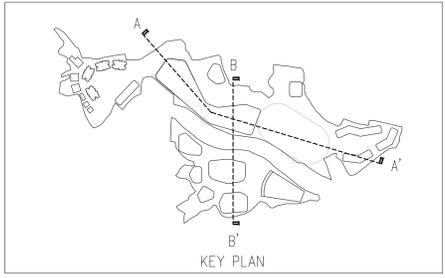
呂元祥建築師事務所

Project Title

Drawing Title
SECTION A-A

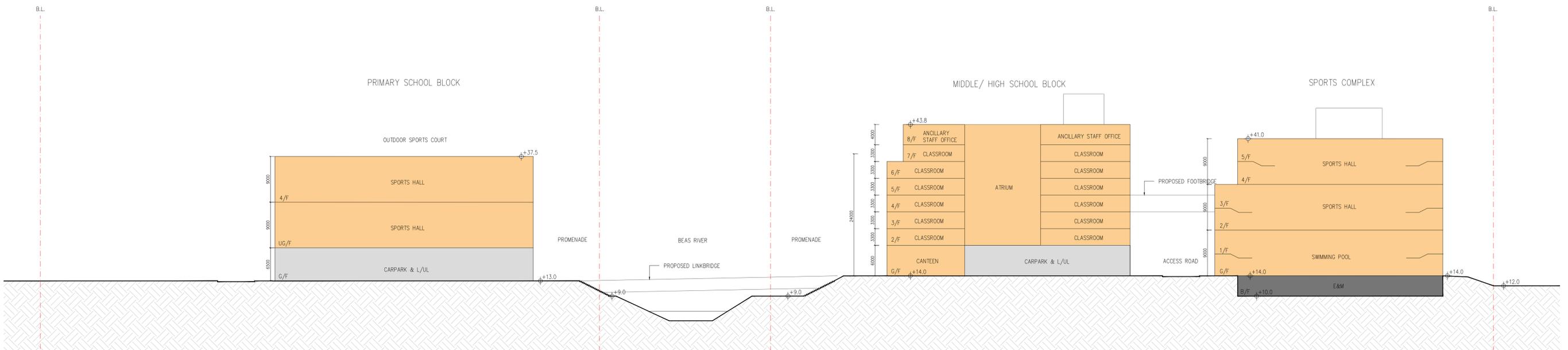
Drawing Purpose

Project No. **25018NT**
 Scale **1:400** Issue Date **NOV 2025**
 Drawing No. **A/GBP_05**



LEGEND

- SITE BOUNDARY
- SCHOOL
- DORMITORY
- OUTDOOR SPORTS FACILITIES
- CARPARK & L/UL
- E&M



Rev.	Description	Drawn	Checked	Approved	Date
—	PLANNING SUBMISSION	HKO	JHK	JHY	9-2025
A	PLANNING SUBMISSION	HKO	JHK	JHY	11-2025

Rev.	Description	Drawn	Checked	Approved	Date

Check all measurements on site. Do not scale off drawings.

This drawing is to be read in conjunction with the specification and any discrepancies are to be immediately reported to the Architect.

This drawing remains the copyright property of the Architect and is not to be reproduced in whole or in part without permission of the Architect.

B.D. Ref.	—		
F.S.D. Ref.	—		
D.L.O. Ref.	—		
Drawn	HKO	Date	11-2025
Checked	JHK	Date	11-2025
Approved	JHY	Date	11-2025
Cad File No.	P:\JHK\25018NT\planning submission\PLOT_BD\GBP_06		

RONALD LU & PARTNERS

呂元祥建築師事務所

Project Title

Drawing Title
SECTION B-B

Project No. **25018NT**

Scale **1:400** Issue Date **NOV 2025**

Drawing No. **A/GBP_06**

Drawing Purpose

Appendix 2.1 Detailed Sewerage Impact Assessment Calculations

Table 1 Calculation for Sewage Generation Rate of the Proposed Development (Overall)

1. International School		
Total number of teachers & staff	=	633 people
Unit flow factors of teachers & staff	=	0.28 m ³ /person/day (refer to Table T-2 of GESF , Community, Social & Personal Services)
Total number of students	=	3000 people
Unit flow factors of students	=	0.04 m ³ /person/day (refer to Table T-2 of GESF, School Student)
Sewage Generation rate	=	297.2 m ³ /day
2. Indoor Swimming Pool		
Assumed area	=	2500 m ²
Assumed depth of water	=	1.5 m
Volume of water	=	3750 m ³
Turnover Rate	=	4.0 hr (CAP132CA, Section 9 Swimming Pools Regulation (covered))
Surface loading rate of filter	=	50.0 m ³ /m ² /hr
Filter areas required	=	18.8 m ²
Backwashing flow rate	=	30.0 m ³ /m ² /hr
Unit flow factors of backwashing	=	562.5 m ³ /hr
Backwash duration	=	3.0 min/day
Backwash generation rate	=	28.1 m ³ /day
Instant Peak Flow	=	156.3 L/s
3. Dormitory for Student and Staff		
Number of residents	=	2243 residents
Unit flow	=	0.19 m ³ /day (Institutional and Special Class in Table T-1 of GESF)
Sewage generation rate	=	426.2 m ³ /day
4. Canteen		
Assumed Floor Area	=	4500 m ²
Assumed floor area per employee	=	19.6 m ² per employee -- (refer to Table 8 of CIFSUS - Restaurant)
Total number of employees	=	230 employees
Unit flow factors of commercial employees	=	1.58 m ³ /employee/day -- (refer to Table T-2 of GESF - J10 Restaurant & Hotels)
Sewage generation rate	=	362.6 m ³ /day
Total Flow from the Proposed Development		
Flow rate	=	1114.1 m ³ /day
Flow rate with P _{CIF}	=	1114.1 m ³ /day (refer to Table T-4 of GESF - North District - 1.00)
Contributing population	=	4126 people (refer to Section 12 of GESF)
Peaking factor	=	4 (refer to Guidelines for the Design of Small Sewage Treatments Plants)
Peak flow	=	51.6 litre/sec

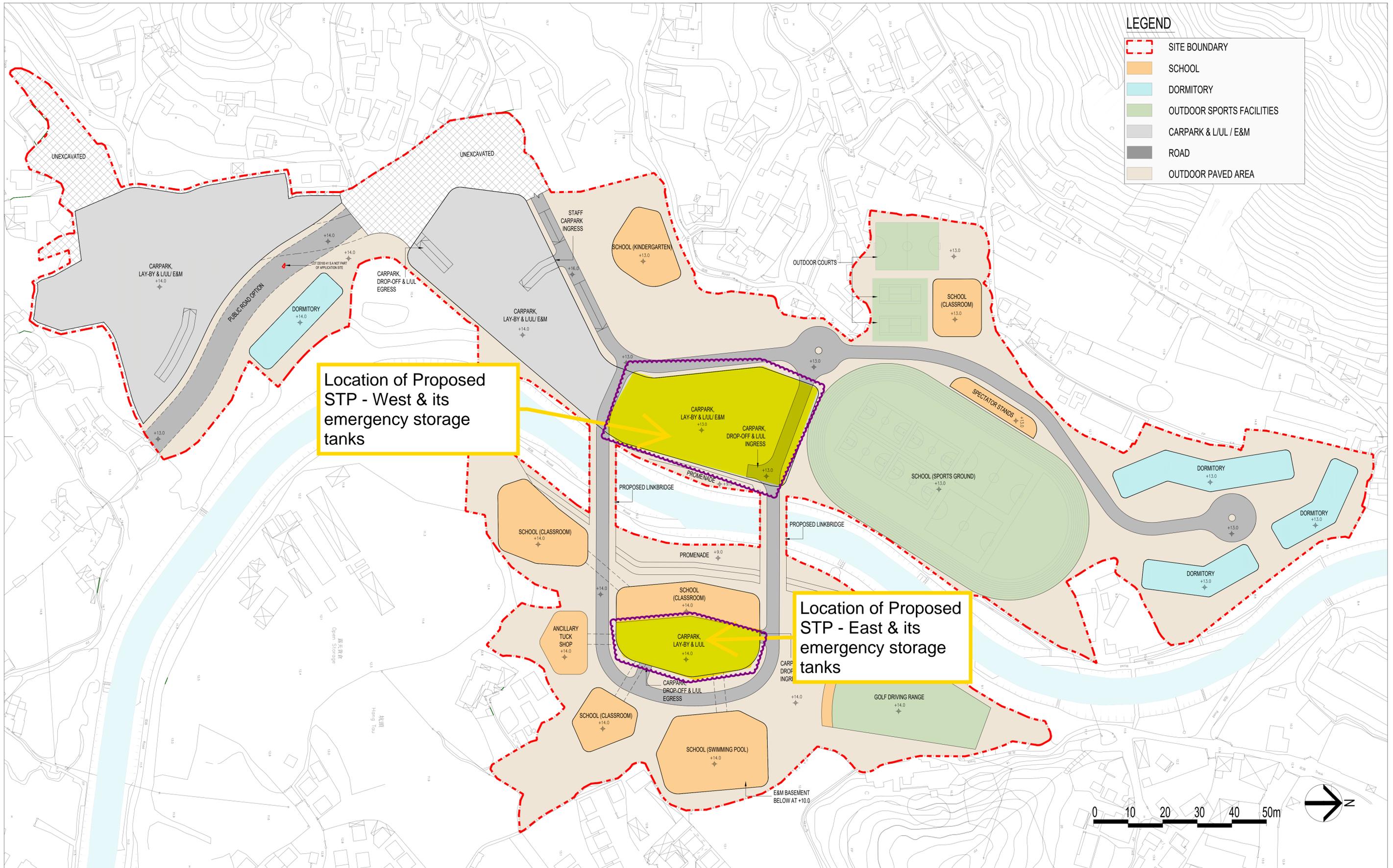
Table 2
Calculation for Sewage Generation Rate of the Proposed Development (West)

1. International School			
Total number of teachers & staff	=	338	people
Unit Flow Factors of teachers & staff	=	0.28	m ³ /person/day (refer to Table T-2 of GESF , Community, Social & Personal Services)
Total number of students	=	1,600	people
Unit Flow Factors of students	=	0.04	m ³ /person/day (refer to Table T-2 of GESF, School Student)
Sewage Generation rate	=	158.6	m ³ /day
2. Indoor Swimming Pool			
Assumed area	=	1250	m ²
Assumed depth of water	=	1.5	m
Volume of water	=	1875	m ³
Turnover Rate	=	4.0	hr (CAP132CA, Section 9 Swimming Pools Regulation (covered))
Surface loading rate of filter	=	50.0	m ³ /m ² /hr
Filter areas required	=	9.4	m ²
Backwashing flow rate	=	30.0	m ³ /m ² /hr
Unit Flow Factors of backwashing	=	281.3	m ³ /hr
Backwash duration	=	3.0	min/day
Backwash generation rate	=	14.06	m ³ /day
Instant Peak Flow	=	78.1	L/s
3. Dormitory for Student and Staff			
Number of residents	=	2243	people
Unit Flow Factors	=	0.19	m ³ /day (Institutional and Special Class in Table T-1 of GESF)
Sewage generation rate	=	426.2	m ³ /day
4. Canteen			
Assumed floor area	=	1500	m ²
Assumed floor area per employee	=	19.6	m ² per employee -- (refer to Table 8 of CIFSUS - Restaurant)
Total number of employees	=	77	employees
Unit Flow Factors of commercial employees	=	1.58	m ³ /employee/day -- (refer to Table T-2 of GESF - J10 Restaurant & Hotels)
Sewage generation rate	=	120.9	m ³ /day
Total Flow from the Proposed Development (West)			
Flow rate	=	719.7	m ³ /day
Flow rate with P _{CF}	=	719.7	m ³ /day (refer to Table T-4 of GESF - North District - 1.0)
Contributing population	=	2666	people (refer to Section 12 of GESF)
Peaking factor	=	4	(refer to Guidelines for the Design of Small Sewage Treatments Plants)
Peak flow (without swimming pool)	=	33.3	litre/sec

Table 3
Calculation for Sewage Generation Rate of the Proposed Development (East)

1. International School			
Total number of teachers & staff	=	295	people
	=	0.28	m ³ /person/day (refer to Table T-2 of GESF , Community, Social & Personal Services)
Total number of students	=	1400	people
Unit flow factors of students	=	0.04	m ³ /person/day (refer to Table T-2 of GESF, School Student)
Sewage Generation rate	=	138.6	m ³ /day
2. Indoor Swimming Pool			
Assumed area	=	1250	m ²
Assumed depth of water	=	1.5	m
Volume of water	=	1875.0	m ³
Turnover Rate	=	4.0	hr (CAP132CA, Section 9 Swimming Pools Regulation (covered))
Surface loading rate of filter	=	50.0	m ³ /m ² /hr
Filter areas required	=	9.4	m ²
Backwashing flow rate	=	30.0	m ³ /m ² /hr
Unit flow factors of backwashing	=	281.3	m ³ /hr
Backwash duration	=	3.0	min/day
Backwash generation rate	=	14.06	m ³ /day
Instant Peak Flow	=	78.1	L/s
3. Dormitory for Student and Staff			
Number of residents	=	0	people (All dormitory are at the West Portion of the Site)
Unit flow factor	=	0.19	m ³ /day (Institutional and Special Class in Table T-1 of GESF)
Sewage generation rate	=	0.0	m ³ /day
4. Canteen			
Assumed floor area	=	3000	m ²
Assumed floor area per employee	=	19.6	m ² per employee -- (refer to Table 8 of CIFSUS - Restaurant)
Total number of employees	=	153	employees
Unit flow factors of commercial employees	=	1.58	m ³ /employee/day -- (refer to Table T-2 of GESF - J10 Restaurant & Hotels)
Sewage generation rate	=	241.7	m ³ /day
Total Flow from the Proposed Development (East)			
Flow rate	=	394.4	m ³ /day
Flow rate with P _{CF}	=	394.4	m ³ /day (refer to Table T-4 of GESF - North District - 1.0)
Contributing population	=	1461	people (refer to Section 12 of GESF)
Peaking factor	=	4	(refer to Guidelines for the Design of Small Sewage Treatments Plants)
Peak flow	=	18.3	litre/sec

Appendix 2.2 Locations of the STPs



Rev.	Description	Drawn	Checked	Approved	Date
—	PLANNING SUBMISSION	I HKO	I JHK	I JHY	9-2025
A	PLANNING SUBMISSION	I HKO	I JHK	I JHY	11-2025

Rev.	Description	Drawn	Checked	Approved	Date

Check all measurements on site. Do not scale off drawings.

This drawing is to be read in conjunction with the specification and any discrepancies are to be immediately reported to the Architect.

This drawing remains the copyright property of the Architect and is not to be reproduced in whole or in part without permission of the Architect.

B.D. Ref.	—
F.S.D. Ref.	—
D.L.O. Ref.	—
Drawn	HKO Date 11-2025
Checked	JHK Date 11-2025
Approved	JHY Date 11-2025
Cad File No.	P:\JHK\25018NT\planning submission\PLOT_BD\GBP_04



呂元祥建築師事務所

Project Title

Drawing Title
FULL PHASE –
GROUND FLOOR PLAN

Project No. 25018NT
Scale 1:1000 Issue Date NOV 2025
Drawing No. A/GBP_02

Drawing Purpose