

Your Ref. : TPB/A/YL-MP/316  
Our Ref. : H20002/PD/030  
8<sup>th</sup> August 2023

**COPY**

By Hand

**Town Planning Board**

15/F, North Point Government Offices,  
333 Java Road,  
Hong Kong

Dear Sirs,

**Re: Proposed Field Study Centre and Organic Farm by Revitalization of Former Chuk Hing Public School at Government Land (GL) in D.O. 104, Ha Chuk Yuen Tsuen, San Tin, Yuen Long  
Completion of Fire services installation for Planning Approval Conditions (h)**

With reference to your letter (Ref no.: TPB/A/YL-MP/316) dated 13 July 23 regarding S16A approval for the captioned development, we are pleased to report completion of the Fire Services Installation (Condition (h)):-

1. A copy of duly signed form FS314/ 501 for completion of FSI work
2. A copy of duly signed form FS251 of certificate of FSI and Equipment

Should you have any queries, please feel free to contact me directly with M: 9433 4654 or our Mr. Wallace Wu at 2543 3220.

Thank you very much for your kind attention.

Yours faithfully,



Mok Chi Kin  
For and on behalf of  
A.LEAD ARCHITECTS LIMITED



c.c.			
Development Bureau	German Cheung/ Mike Chan	w/ encl	By email only
Fruit Garden Social Enterprise Limited	Mr. Alex Mui	w/ encl	By email only
Kewisk	Mr. SC Wai	w/ encl	By email only
Pinebridge	Mr. KK Lam	w/ encl	By email only
Bridge Water	Mr. Philip Ma	w/ encl	By email only



Your Ref. : TPB/A/YL-MP/316

Our Ref. : H20002/PD/030

**8<sup>th</sup> August 2023**

**By Hand**

**Town Planning Board**

15/F, North Point Government Offices,  
333 Java Road,  
Hong Kong

Dear Sirs,

**Re: Proposed Field Study Centre and Organic Farm by Revitalization of Former Chuk Hing Public School at Government Land (GL) in D.O. 104, Ha Chuk Yuen Tsuen, San Tin, Yuen Long  
Completion of Fire services installation for Planning Approval Conditions (h)**

With reference to your letter (Ref no.: TPB/A/YL-MP/316) dated 13 July 23 regarding S16A approval for the captioned development, we are pleased to report completion of the Fire Services Installation (Condition (h)):-

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Development Bureau	German Cheung/ Mike Chan	w/ encl	By email only
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Kewisk	Mr. SC Wai	w/ encl	By email only
Pinebridge	Mr. KK Lam	w/ encl	By email only
Bridge Water	Mr. Philip Ma	w/ encl	By email only



創基工程香港有限公司  
RNB ENGINEERING  
HONG KONG LTD

Date : 2-8-2023  
Our Ref : PJ-22-0497-FSD-LT-01  
FSD Ref : FP 8/2489

By Hand

**Fire Services Department**  
**Fire Protection Engineering Compliance Division**  
**Fire Protection Facilities Group**  
2/F, Centre Parc  
11 Sheung Yuet Road,  
Kowloon Bay, Kowloon

Dear Sirs,

**Re: Former Chuk Hing Public School at Government Land (GL), Ha Chuk Yuen Tsuen, San Tin, Yuen Long, N.T. – D.D. 104 STT 3203**

We are pleased to submit Form FSI/314 c/w two sets of as-fitted drawings, Form FSI/501, Form FSI/501a and following document for your comment / approval.

1. Form FSI / 501
2. Form FSI / 501a (RFSIC Ref. No.: RC2/0597- 20230802 -01)
3. FSI Equipment Checklist
4. Checklist for Fire Detection and Fire Alarm System
5. FS Standby Battery Calculation
6. Fire Alarm, MCP, Visual Fire alarm, Sprinkler Zoning List
7. Sound Level Measurement Report for Alarm Sounder
8. Supporting Documents for charger capability of full charge-up within 24 hours
9. FSI catalogue and FSD approval / UL Certificate
10. General Documents Checklist for Acceptance Inspection c/w relevant catalogues/ letters
11. Form FSI/314 c/w two sets of colored drawings

Your positive respond would be much appreciated. Should you have any query, please feel free to contact our Mr. Benjamin Cheng at Tel: 6475 2210.

Thank you for your kind attention.

Yours faithfully,  
RNB ENGINEERING HONG KONG LIMITED



Ringo Ngai  
Director  
RN//BC/hc  
Encl.



創基工程香港有限公司  
RNB ENGINEERING  
HONG KONG LTD

Date : 2-8-2023  
Our Ref : PJ-22-0497-FSD-LT-02  
FSD Ref : FP 8/2489

By Hand

**Fire Services Department**  
**Fire Protection Engineering Compliance Division**  
**Fire Protection Facilities Group**  
2/F, Centre Parc  
11 Sheung Yuet Road,  
Kowloon Bay, Kowloon

Dear Sirs,

**Re: Former Chuk Hing Public School at Government Land (GL), Ha Chuk Yuen Tsuen, San Tin, Yuen Long, N.T. – D.D. 104 STT 3203**

Reference is made to the captioned project. I hereby authorize Mr. Cheng Siu Cheung (ID No. Y447XXX(X) to be my representatives for attending the FSD inspection, FSD meetings, sign and amend the fire services relevant drawings & documents until to the end of project. Mr. Cheng Siu Cheung's Tel no is 6475 2210. The effective date from 2-8-2023 to the end of project.

If there is any query on the above arrangement, please feel free to contact undersigned Mr. Ngai at tel no. 9656 8328.

Yours faithfully,  
RNB ENGINEERING HONG KONG LIMITED

Ngai Lung Kei  
Director  
(RC1 / 423, RC2 / 597)



To : Director of Fire Services

Fire Service Installation Plans for Building at

Former Chuk Hing Public School at Government Land (GL), Ha Chuk Yuen Tsuen, San Tin,  
 Yuen Long, N.T. - D.D. 104 STT 3203

**Part I**

This is to certify that the attached fire service installation plans are identical to the building plans approved by you on 20-2-2023. Your file reference is \*FP 8/45/ 2489.

Signed



Date

2-8-2023


Full Name of Authorized Person

TAM CHEUNG KWAN**Part II**

This is to certify that the details and specifications of all installations shown on the attached fire service installation plans are as prescribed by the Fire Services Department and in accordance with the relevant Rules and Codes of Practice as listed below :-

- Rules of Fire Offices' Committee for :**
- Automatic Sprinkler Installations (29th Edition)
  - Automatic Fire Alarm Installations (12th Edition)
  - Installation of Drenchers (4th Edition)
- Rules of the Loss Prevention Council for**
- Automatic Sprinkler Installations (BS EN 12845) / (BS 5306 Part 2)\*
  - Automatic Fire Alarm Installations (BS 5839 Part 1)
- Codes of National Fire Protection Association for :**
- Carbon Dioxide Extinguishing Systems (Standard 12)
  - Clean Agent Fire Extinguishing Systems (Standard 2001)
  - Water Spray Fixed Systems for Fire Protection (Standard 15)
- Codes of Practice for Minimum Fire Service Installations and Equipment, Fire Services Department for :**
- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Fire Alarm Systems     | <input type="checkbox"/> Fire Hydrant / Hose Reel Systems               |
| <input type="checkbox"/> Exit Signs                        | <input checked="" type="checkbox"/> Emergency Lighting Installations    |
| <input type="checkbox"/> Emergency Generator Installations | <input type="checkbox"/> Ventilation / Air Conditioning Control Systems |
| <input type="checkbox"/> Smoke Extraction Systems          | <input type="checkbox"/> Staircase Pressurization Installations         |
- Others**

Signed



Date

2-8-2023

Full Name of FSI Contractor/Consultant

RNB Engineering Hong Kong Ltd.Correspondence Address 5/F, Lower Tower, Wearbest Building, No. 60-64, To Kwa Wan Road, To Kwa Wan, KowloonTel. No.: 2442 2353 Mark "x" where applicable

\* Delete where appropriate

**Section 21(6)(d) of the Buildings Ordinance (Cap. 123)**  
**Application for Inspection and Testing of Fire Service Installations and Equipment**

FP Ref. No. \*8/49/ 2489 \*19/20/43/ \_\_\_\_\_

**Types of Fire Service Installations and Equipment:**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Audio/Visual Advisory System                  | <input type="checkbox"/> Fire Blanket                                    | <input type="checkbox"/> Sand Bucket                                 |
| <input type="checkbox"/> Automatic Actuating Device                    | <input type="checkbox"/> Fire Control Centre                             | <input type="checkbox"/> Sprinkler System                            |
| <input type="checkbox"/> Automatic Fixed Installation other than Water | <input type="checkbox"/> Fire Detection System                           | <input type="checkbox"/> Static Smoke Extraction System              |
| <input type="checkbox"/> Deluge System                                 | <input type="checkbox"/> Fire Hydrant/Hose Reel System*                  | <input type="checkbox"/> Street Fire Hydrant System                  |
| <input type="checkbox"/> Drencher System                               | <input type="checkbox"/> Fixed Automatically Operated Approved Appliance | <input type="checkbox"/> Supply Tank                                 |
| <input type="checkbox"/> Dust Detection System                         | <input type="checkbox"/> Fixed Foam System                               | <input type="checkbox"/> Ventilation/Air Conditioning Control System |
| <input type="checkbox"/> Dynamic Smoke Extraction System               | <input type="checkbox"/> Gas Detection System                            | <input type="checkbox"/> Water Mist System                           |
| <input type="checkbox"/> Emergency Generator                           | <input type="checkbox"/> Gas Extraction System                           | <input type="checkbox"/> Water Spray System                          |
| <input checked="" type="checkbox"/> Emergency Lighting                 | <input type="checkbox"/> Portable Fire Extinguisher                      | <input type="checkbox"/> Water Supply                                |
| <input type="checkbox"/> Exit Sign                                     | <input type="checkbox"/> Pressurization of Staircase                     | <input type="checkbox"/> Others _____                                |
| <input checked="" type="checkbox"/> Fire Alarm System                  | <input type="checkbox"/> Ring Main System with Fixed Pump(s)             | _____  |

Please tick the appropriate box(es).

**Address of Premises**

Former Chuk Hing Public School at Government Land (GL), Ha Chuk Yuen Tsuen, San Tin,  
Yuen Long, N.T. - D.D. 104 STT 3203

**Part A : (to be completed by Registered Professional Engineer (if applicable))**

I hereby certify that the \*staircase pressurization system(s)/dynamic smoke extraction system(s)/water mist system(s)/other system(s) (please specify) \_\_\_\_\_ listed above and in the attached FSI/501a, which was/were approved by the Fire Services Department (FSD) on \_\_\_\_\_ (FSD Ref. No. \_\_\_\_\_), has/have been installed and tested in accordance with the FSD's requirements. I am satisfied that the above systems are operating in accordance with the approved design and the requirements of the FSD.

Full Name: \_\_\_\_\_ Discipline: \_\_\_\_\_

Registered Professional Engineer Number: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Registered Professional Engineer: \_\_\_\_\_

**Part B : (to be completed by Authorized Person)**

I hereby certify that:

- the fire service installation(s)/equipment listed above and in the attached FSI/501a has/have been installed in accordance with the approved building plans stamped by the FSD on 20-2-2023 and is/are ready for inspection;
- ~~Fire Service Completion Advice in respect of fire service installation(s)/equipment requiring government water main connection has been \*applied for/issued by the Water Supplies Department (copy \*attached/not attached);~~

FP Ref. No. \*8/43/ 2489

\*19/20/43/ \_\_\_\_\_

3. the building owners have undertaken to provide 24-hour attendant service with normal telephone provision pending the connection of (a) direct telephone link(s) to the fire service installation(s)/equipment. The \*undertaking letter/memo from the building owners is attached herewith; and
4. the building gross floor area of the above premises as defined under the Buildings Ordinance is 34.656 m<sup>2</sup> and the type of building is \*domestic/non-domestic.

I request that a \*Certificate F.S.172 required under section 21(6)(d) of the Buildings Ordinance (Cap. 123)/an acceptance memo/an acceptance letter be issued to me.

Company Name: A. Lead Architects Ltd. Telephone No.: 25433220

Full Name of Authorized Person: TAM Cheung Kwan

Signature of Authorized Person:  Date: 2-8-2023

RFSIC Ref. No(s). of FSI/501a attached to this application form:


1. RC2/0597- 20230802-01

Additional information, if any:

- (i) One set of approved GBP stamped by FSD on 20-2-2023; and  
(ii) Document checklist for FSI acceptance inspection

I hereby declare that to the best of my knowledge and belief, the information provided above is true, correct and complete. I understand that if I wilfully give any false information, make any misrepresentation or withhold any material information in this application form, the case may be referred to appropriate professional registration bodies/disciplinary boards for necessary action.

\_\_\_\_\_  
Signature of Registered Professional Engineer  
(if applicable)

  
\_\_\_\_\_  
Signature of Authorized Person

**Certificate of Completion of Installation of  
Fire Service Installations and Equipment in New Buildings**

(Discrete No. Assigned by RFSIC)

FP Ref. No. \*~~8/49/~~ 2489 \*19/20/43/ \_\_\_\_\_**Types of Fire Service Installations and Equipment:**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Audio/Visual Advisory System                  | <input type="checkbox"/> Fire Blanket                                    | <input type="checkbox"/> Sand Bucket                                 |
| <input type="checkbox"/> Automatic Actuating Device                    | <input type="checkbox"/> Fire Control Centre                             | <input type="checkbox"/> Sprinkler System                            |
| <input type="checkbox"/> Automatic Fixed Installation other than Water | <input type="checkbox"/> Fire Detection System                           | <input type="checkbox"/> Static Smoke Extraction System              |
| <input type="checkbox"/> Deluge System                                 | <input type="checkbox"/> Fire Hydrant/Hose Reel System*                  | <input type="checkbox"/> Street Fire Hydrant System                  |
| <input type="checkbox"/> Drencher System                               | <input type="checkbox"/> Fixed Automatically Operated Approved Appliance | <input type="checkbox"/> Supply Tank                                 |
| <input type="checkbox"/> Dust Detection System                         | <input type="checkbox"/> Fixed Foam System                               | <input type="checkbox"/> Ventilation/Air Conditioning Control System |
| <input type="checkbox"/> Dynamic Smoke Extraction System               | <input type="checkbox"/> Gas Detection System                            | <input type="checkbox"/> Water Mist System                           |
| <input type="checkbox"/> Emergency Generator                           | <input type="checkbox"/> Gas Extraction System                           | <input type="checkbox"/> Water Spray System                          |
| <input checked="" type="checkbox"/> Emergency Lighting                 | <input type="checkbox"/> Portable Fire Extinguisher                      | <input type="checkbox"/> Water Supply                                |
| <input type="checkbox"/> Exit Sign                                     | <input type="checkbox"/> Pressurization of Staircase                     | <input type="checkbox"/> Others _____                                |
| <input checked="" type="checkbox"/> Fire Alarm System                  | <input type="checkbox"/> Ring Main System with Fixed Pump(s)             | _____  |

 Please tick the appropriate box(es).

The above fire service installation(s)/equipment has/have been installed at (address of premises)

Former Chuk Hing Public School at Government Land (GL), Ha Chuk Yuen Tsuen, San Tin,

Yuen Long, N.T. - D.D. 104 STT 3203

and the installation work was completed on 2-8-2023. I hereby certify that such fire service installation(s)/equipment, which was/were installed according to the FSI plans submitted under the cover of FSI/314 dated 2-8-2023 and/or building plans approved by FSD on 20-2-2023, has/have been tested and, to the best of my knowledge, is/are in efficient working order in accordance with the Codes of Practice for Minimum Fire Service Installations and Equipment and Inspection, Testing and Maintenance of Installations and Equipment published from time to time by the Director of Fire Services.

Original/certified true copies of the following documents are attached as follows:

- Completed testing and commissioning checklist(s)
- \*Listing certificate(s)/record(s)/document(s)/printout(s) from product certification bodies
- \*FSD approval/acceptance letter(s)
- \*Test certificate(s)/data sheet(s)/catalogue(s)/calculation(s)
- Others (please specify, e.g. Fire Safety Management Plan, Fire Engineering Report): See document list attached

 Please tick the appropriate box(es).

Remarks: Relevant test report(s) for dynamic smoke extraction system/ staircase pressurization system endorsed by the Registered Professional Engineer, if applicable, should be attached.

This certificate shall be issued by RFSIC to the person on whose instructions the installation work was undertaken and a copy thereof shall be forwarded to the Director of Fire Services within 14 days after completion of the work.



FP Ref. No. \*8/49/ 2489

\*19/20/43/

I understand that this Certificate is issued under Regulation 9 of the Fire Service (Installations and Equipment) Regulations. Any registered fire service installation contractor (RFSIC) commits an offence and is liable on conviction to a fine at level 5 pursuant to Regulations 9(2A) and 9(3) of the same Regulations, if it issues or forwards a certificate thereunder, or a copy thereof, which is false or misleading in a material particular.

(For Class 1 & 2 RFSIC):

Registration No.: RC 1/423, RC 2/597

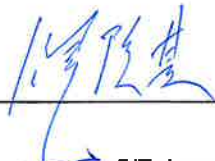
RFSIC Name: RNB Engineering Hong Kong Limited

Full Name of Authorized Signatory:

NGAI LUNG KEI

Authorized Signature:

Company Chop:





(For Class 3 RFSIC):

Registration No.: \_\_\_\_\_

RFSIC Name: \_\_\_\_\_

Signature:

\_\_\_\_\_

Office address: 5/F, Lower Tower, Wearbest Building, No. 60-64, To Kwa Wan Road, To Kwa Wan, Kowloon

Telephone No.: 2442 2353

Date: 2-8-2023

Remarks: Fixed automatically operated approved appliance and portable hand-operated approved appliance should be certified by Class 3 RFSIC via separate FSI/501a

This certificate shall be issued by RFSIC to the person on whose instructions the installation work was undertaken and a copy thereof shall be forwarded to the Director of Fire Services within 14 days after completion of the work.

## General Documents Checklist for Acceptance Inspection (Rev. H)

Date: 2-8-2023

FP Ref. no. \*8/43/ 2489

\*19/20/43/ \_\_\_\_\_

Fire Service Installation Plans for Building at Former Chuk Hing Public School at Government Land (GL),  
Ha Chuk Yuen Tsuen, San Tin, Yuen Long, N.T. - D.D. 104 STT 3203

A. Document(s) prepared by Authorized Person (AP):		Yes	No	N.A.
1	List of Approved building plan list related to the application	✓		
2	Confirmation of 1) building name, 2) building description and address shown on FS172/Acceptance Letter/Memo	✓		
3	Confirmation for particular of FS172 if A&A works areas (BA13) is involved	✓		
4	Owner's particular with postal address for FS172 / subject officer of government department receiving the Acceptance Letter/Memo	✓		
5	Supporting document showing the subject project is government project for issuance of Acceptance Letter			✓
6	Confirmation letter for Fireman's Lift no., no. of served floor and location of fireman switch			✓
7	Use Permit for Fireman's Lift			✓
8	Completed Form WWO46 Part IV for FSI equipped with water tank			✓
9	For FSI requiring water supply by means of direct connection from government town main within inspection area (e.g. improvised systems, sprinkler system with reduced capacity tank for both end supplies, tunnel fire hydrant or street fire hydrant systems), either of the following documentation should be provided:- (i) Fire Service Completion Advice ("FSCA"); or (ii) Form WWO46 Part V together with WA's confirmation; or (iii) Written confirmation of a permanent water supply has been made to the related FSI issued by WA.			✓
10	Confirmation of Ventilation / Air Conditioning Control System (VAC) is not required in accordance with current FSD requirement.	✓		
11	For building with EVA within inspection area, 2 sets of as-built approved EVA drawing with extent highlighted.			✓
12	Undertaking letter for EVA Loading for Government Project			✓
13	Location list of open kitchens if any			✓
14	Supporting document for approved Fire Safety Management Plan for open kitchen, such as approval letter from BD or FSD etc.			✓
15	Confirmation for the location of suspended false ceiling with layout plans			✓
16	Confirmation letter from AP for the Building air tightness condition during the testing is equivalent to the occupation condition (for building with staircase pressurization system only)			✓
17	Confirmation letter from AP for Fire Resisting Rating of Plantroom, Fire rated enclosure, Concrete air duct and Duct shaft for Smoke Extraction			✓

## General Documents Checklist for Acceptance Inspection (Rev. H)

	System and Staircase Pressurization System.			
18	For Fire rated enclosure & Fire Resistant ductwork, copies of material acceptance letter issued by this Department or product listing certificates / test reports issued by Product Certification Bodies according to FSD requirements.			✓
19	Declaration letter from AP confirming relevant fire rated enclosure / fire resistant ductworks installed on-site strictly follow the installation details according to material acceptance letter issued by this Department or manufacturer's recommendation.			✓
20	Confirmation letter for all linings are in compliance with CoP for minimum fire service installations and equipment			✓
21	Confirmation letter issued by AP to confirm the whole assembly of the fire shutter is capable for continuous operation			✓
22	Report form for Open Kitchen Unit and Windowless Kitchen/ Toilet (The form was submitted to Fire Service Installations Task Force and Ventilation Division of Fire Services Department)			✓
23	Electronic copies of the as-built and approved GBP in PDF format including amendment record if necessary.	✓		

B. Document(s) prepared by Owner		Yes	No	N.A.
1	Undertaking letter for Direct Telephone Link (DTL). (with supporting document from services provider)			✓
2	Valid invoice for existing DTL	✓		
3	For D.G. store other than fuel tank room of Emergency Generator serving FSI, undertaking letter should be provided for the DG Store (to obtain the DG license before usage) if DG license is not available during acceptance inspection			✓

C. Document(s) prepared by Registered Fire Service Installations Contractor (RFSIC)		Yes	No	N.A.
1	Essential load calculation if emergency generator is not provided. (with schematic wiring diagram endorsed by RFSIC)	✓		
2	Emergency Generator			✓
	- Certified true copy survey report for fuel tank			✓
	- Acceptance letter/D.G. license for fuel tank room			✓
	- Battery calculation			✓
	- Fuel consumption curve			✓
	- Door curb volume calculation			✓




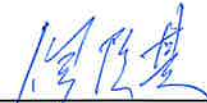

## General Documents Checklist for Acceptance Inspection (Rev. H)

	- Document for special approval/exemption from FSD, such as non-FS load connection including home landing operation for non-fireman's lift connecting to emergency generator			✓
3	Fire hydrant/ Hose Reel(HR) system			✓
	- Water tank calculation			✓
	- Pump performance data for pump power			✓
4	Fire detection and fire alarm system	✓		
	- Battery calculation	✓		
	- Zoning schedule	✓		
	- Sound level measurement report	✓		
	- Supporting documents for charger capability of full charge-up within 24 hrs.	✓		
5	Portable equipment			✓
	- Location list			✓
	- Valid gazette / FSD Approval Letter			✓
6	Sprinkler system			✓
	- Water tank volume calculation			✓
	- Number of sprinkler heads in each zone			✓
7	Clean agent extinguishing system			✓
	- Approved computer calculation			✓
	- As fitted isometric diagram for pipework			✓
	- Mechanical tightness report for pipings			✓
	- D.G. certificate for gas cylinder			✓
	- Charging report			✓
	- Summary list c/w location of area protected and cylinder room, weight of required agent, D.G. certificate no., no. of nozzles, no. of smoke detectors & etc.			✓
	- Enclosure integrity test report			✓
8	Pressurization of staircase			✓
	- Equipment list of builder's work (such as doorset, door closer & etc.) c/w related test reports			✓
	- Provided duplicate of valid calibration certificate for testing instrument			✓
	- Test report for air leakage of all metal ductwork on site			✓
	- Testing and Commissioning Checklist for the system and certified by RPE			✓
	- Letter from RPE to certify the system had been completed and tested in accordance with FSD's requirements and approved drawings			✓
9	Smoke extraction system			✓
	- Provided duplicate of valid calibration certificate for testing instruments			✓
	- Test reports for air leakage of all metal ductwork on site			✓

## General Documents Checklist for Acceptance Inspection (Rev. H)

	- Test reports for the system and certified by RPE (Dynamic Smoke Extraction System only)			✓
	- Letter from RPE to certify the system had been completed and tested in accordance with FSD's requirements and approved drawings (Dynamic Smoke Extraction System only)			✓
10	Emergency Lightings	✓		
	- Valid test reports or listing certificates issued by recognized bodies presenting to inspection officer during FS inspection	✓		
11	Valid calibration certificates for testing instrument as per FSD Circular Letter No. 5/2022	✓		
12	Approval for Non-provision or exemption of Fire Service Installations			✓
13	Approval on method statement of fire service installations such as extended coverage sidewall sprinkler, long throw sprinkler, high pressure sprinkler and hot smoke test etc.			✓
14	New Fire Service Installations connected to existing Fire Service Installations in service for building to be inspected	✓		
	- FS 251 for existing FSIs.	✓		
15	Electronic copies of the as-built and approved FSI314 (FSI and Smoke Control Systems) in PDF format including amendment record if necessary.	✓		
16	Electronic copies of the approved fire engineering report in PDF format if the project had adopted fire engineering approach.			✓

I hereby certify that the above documents have been checked in order and FS equipment/installation in accordance with the approved building plans and all FSI 314 drawings have been installed and tested in efficient working order.

Signature of AP		Signature of RFSIC	
Name of AP	<u>TAM Cheung Kwan</u>	Name of RFSIC	<u>NGAI LUNG KEI (RNB Engineering Hong Kong Limited)</u>
Date	<u>2-8-2023</u>	RFSIC Number	<u>RC1/423, RC2/597</u>
		Date	<u>2-8-2023</u>
		Stamp of RFSIC	

**Fire Service Installations – Equipment List**

(Revised in July 2020)

(To be appended to Form FSI/501a)

FP Ref. no. 43/19/20 .....

Address of Premises: Former Chuk Hing Public School at Government Land (GL), Ha Chuk Yuen Tsuen,

San Tin, Yuen Long, N.T. – D.D. 104 STT 3203

Item	System/ Equipment	Manufacturer/ model no./ part no. (a)	FSD Approval/ Acceptance Reference (If available) (b)	Listing Certificates/Records/Printouts/Documents issued by Product Certification Bodies / Product Certification System (c)	
				Name of Product Certification Body/ Product Certification System	Listing Certificates/Records/ Printouts/ Documents Number
<b>A</b>	<b><u>Automatic Actuating Device</u></b>				
A1	Emergency Exit Device				
A2	Electromagnetic Door Releasing Device to be used in conjunction with Fire Detection System				
<b>B</b>	<b><u>Automatic Fixed Installation other than Water</u></b>				
B1	Fixed Carbon Dioxide Installation				
B2	Fixed Clean Agent Installation				
B3	Fixed Dry chemical installation				
<b>C</b>	<b><u>Automatic Fixed Installation using water</u></b>				
C1	<b><u>Deluge system</u></b>				
C1.1	a) Deluge valve				
C1.2	b) Sprinkler head				
C1.3	c) Alarm valve				
C2	<b><u>Drencher System</u></b>				
C2.1	a) Drencher nozzle				
C2.2	b) Drencher valve				
C3	<b><u>Water Spray System</u></b>				
C3.1	a) Water Spray Nozzle				

This is to confirm that either original copies of above mentioned documents or their photocopies which have been checked as true and correct, are appended to this Equipment List.

(Ngai Lung Kei)

RNB Engineering Hong Kong Limited

Full Name of FSI Contractor

(RC 1/423, RC 2/597 )

Registration Number

Company Chop

Date

Signature 



2-8-2023



Item	System/ Equipment	Manufacturer/ model no./ part no. (a)	FSD Approval/ Acceptance Reference (If available) (b)	Listing Certificates/Records/Printouts/Documents issued by Product Certification Bodies / Product Certification System (c)	
				Name of Product Certification Body/ Product Certification System	Listing Certificates/Records/ Printouts/ Documents Number
C3.2	b) Deluge Valve				
C4	<b>Sprinkler system</b>				
C4.1	a) Sprinkler head				
C4.2	b) Alarm valve				
C4.3	c) Accelerator				
C4.4	d) Butterfly valve (motorized)				
C4.5	e) Flow switch				
C4.6	f) Piping and associated fittings (e.g. CPVC piping/fittings)				
C4.7	g) Vortex inhibitor				
C4.8	h) Sprinkler water storage tank other than concrete				
C4.9	i) Sprinkler control and indicator panel				
C4.10	j) Pressure switch				
C4.11	k) Pressure Reducing Valve				
C5	<b>Water mist system</b>				
D	<b>Fire Alarm System</b>				
D1	Manual call point	D1 KAC Alarm Company Limited / Model: / W/CP3A-R000SG-H011-01		LPCB	567av/13
D2	Alarm bell	D2 Brilliant Lighting Limited / Model: / ABA-6-24		LPCB	1592a/01
E	<b>Fire Blanket</b>				
F	<b>Fire Detection System</b>				
F1	Fire alarm control panel				
F2	Heat detector				

This is to confirm that either original copies of above mentioned documents or their photocopies which have been checked as true and correct, are appended to this Equipment List.

(Ngai Lung Kei)  
RNB Engineering Hong Kong Limited  
Full Name of FSI Contractor

Signature 

(RC 1/423, RC 2/597 )  
Registration Number



Company Chop

Date 2-8-2023

Item	System/ Equipment	Manufacturer/ model no./ part no. (a)	FSD Approval/ Acceptance Reference (If available) (b)	Listing Certificates/Records/Printouts/Documents issued by Product Certification Bodies / Product Certification System (c)	
				Name of Product Certification Body/ Product Certification System	Listing Certificates/Records/ Printouts/ Documents Number
F3	Smoke detector				
F4	Beam detector				
F5	Smoke detector with integration device				
F6	Flame detector				
F7	Intrinsically safe/ explosion proof detector				
F8	Alarm/ sounder integrated with strobe light to be used in conjunction with automatic fire alarm system				
<b>G</b>	<b>Fire Extinguisher</b>				
G1	<b>Portable Fire Extinguisher</b>				
G1.1	a) Carbon Dioxide				
G1.2	b) Clean Agent				
G1.3	c) Dry Powder				
G1.4	d) Foam				
G1.5	e) Water				
G1.6	f) Miscellaneous				
G2	<b>Wheeled type fire extinguisher</b>				
<b>H</b>	<b>Fire Hydrant/Hose Reel System</b>				
H1	Hose reel unit (including hose reel tubing, nozzle and drum)				
H2	Hydrant inlet/ outlet valve				
H3	FS inlet/ fireboat inlet				
H4	Pressure reducing valve				

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Item	System/ Equipment	Manufacturer/ model no./ part no. (a)	FSD Approval/ Acceptance Reference (If available) (b)	Listing Certificates/Records/Printouts/Documents issued by Product Certification Bodies / Product Certification System (c)	
				Name of Product Certification Body/ Product Certification System	Listing Certificates/Records/ Printouts/ Documents Number
<b>I</b>	<b>Fire resisting Cable</b>				
11	Audio / visual advisory system	116, 118 Hebei Huatong Wires & Cable Group Co., Ltd / Model : FPC1.5mm <sup>2</sup> /C	FP(LC) 317/21 dated at 23 August 2021		
12	Automatic actuating device				
13	Automatic fixed installation other than water				
14	Deluge system				
15	Drencher system				
16	Fire hydrant / hose reel system				
17	Fixed foam system				
18	Pressurization of staircase				
19	Ring main system with fixed pumps(s)				
110	Smoke extraction system				
111	Street fire hydrant system				
112	Water mist system				
113	Water spray system				
114	Fire Service water supply system				
115	Emergency generator				
116	Emergency lighting				
117	Exit sign				
118	Fire alarm system				
119	Fire detection system				
120	Fireman's lift				
121	Sprinkler system				

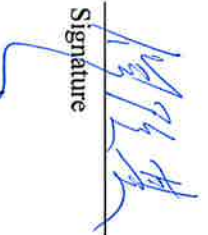
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(Ngai Lung Kei)

RNB Engineering Hong Kong Limited

Full Name of FSI Contractor

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(RC 1/423, RC 2/597

Registration Number



Company Chop

Date

2-8-2023



Item	System/ Equipment	Manufacturer/ model no./ part no. (a)	FSD Approval/ Acceptance Reference (If available) (b)	Listing Certificates/Records/Printouts/Documents issued by Product Certification Bodies / Product Certification System (c)	
				Name of Product Certification Body/ Product Certification System	Listing Certificates/Records/ Printouts/ Documents Number
<b>J</b>	<b>Fixed Automatically Operated Approved Appliance (Wall/ Ceiling Mounted Type)</b>				
J1	Fixed Sprayer Unit				
<b>K</b>	<b>Fixed Foam System/ Equipment</b>				
K1	Foam Monitor				
K2	Foam proportioner/ maker				
K3	Bladder tank				
K4	Ratio flow controller				
K5	Foam nozzle				
K6	Foam water nozzle				
<b>L</b>	<b>Gas Detection System</b>				
L1	Ammonia gas				
L2	Carbon monoxide gas				
L3	Carbon dioxide gas				
L4	Chlorine gas				
L5	Hydrogen gas				
L6	Methane gas				
L7	Special Gases used in Micro-electronics Industry				
<b>M</b>	<b>Pressurization of Staircase</b>				
M1	Probe type smoke detector				
M2	Ceiling smoke detector				
M3	Air release fans				
M4	Fire & smoke dampers and actuators				
M5	Fire-rated ductwork				

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Registration Number

Company Chop



Date 2-8-2023

Item	System/ Equipment	Manufacturer/ model no./ part no. (a)	FSD Approval/ Acceptance Reference (If available) (b)	Listing Certificates/Records/Printouts/Documents issued by Product Certification Bodies / Product Certification System (c)	
				Name of Product Certification Body/ Product Certification System	Listing Certificates/Records/ Printouts/ Documents Number
<b>N</b>	<b>Smoke Extraction System</b>				
N1	Probe type smoke detector				
N2	Ceiling smoke detector				
N3	Other type smoke detector				
N4	Smoke extraction fans				
N5	Fire & smoke dampers and actuators				
N6	Fire rated ductwork				
N7	Smoke curtains system				
N8	Smoke barriers				
N9	Smoke vents / discharge and actuators				
N10	Static Smoke Ventilator				
<b>O</b>	<b>Ventilation/Air Conditioning Control System</b>				
O1	Probe type smoke detector				
O2	Ceiling smoke detector				
<b>P</b>	<b>Others</b>				

- Notes: 1. Column (a) must be filled in with details.
2. Sub-columns should be ticked as appropriate if certificates, records, printouts or documents from the recognized laboratories/organizations are available and appended to the Equipment List.
3. Certificates, records, printouts, or documents from the recognized laboratories/organizations should adopt the item numbers such as 'A1', 'B1', etc., corresponding to the same of the Equipment List.
4. Column (c) is for listed products, listing information can be checked via FSD Website: [http://www.hkfsd.gov.hk/eng/source/licensing/product/fci\\_check\\_listing.pdf](http://www.hkfsd.gov.hk/eng/source/licensing/product/fci_check_listing.pdf)

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RNB Engineering Hong Kong Limited  
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Registration Number

Company Chop



Date 2-8-2023

FIRE SERVICE (INSTALLATIONS AND EQUIPMENT) REGULATIONS  
消防(裝置及設備)規例  
(Regulation 9(1))  
(第九條(1)款)  
CERTIFICATE OF FIRE SERVICE INSTALLATION AND EQUIPMENT  
消防裝置及設備證書

FSD Ref.:   
消防處檔號

Serial Number  
10423 001285

Name of Client 顧客姓名

Fruit Garden Social Enterprise Limited

Address 地址

Former Chuk Hing Public School at Government Land (GL), Ha Chuk Yuen Tsuen, San Tin Yuen Long, NT



Type of Building 樓宇類型:  Industrial 工業  Commercial 商業  Domestic 住宅  Composite 綜合  Licensed premises 持牌處所  Institutional 社團

Part 1 Annual Maintenance  
ONLY

In accordance with Regulation 8(b) of the Fire Service (Installations and Equipment) Regulations, the owner of any fire service installation or equipment which is installed in any premises shall have such fire service installation or equipment inspected by a registered contractor at least once in every 12 months. 根據消防(裝置及設備)規例第八條(b)款, 擁有裝置在任何處所內的任何消防裝置或設備的人, 須每12個月由一名註冊承辦商檢查該等消防裝置或設備至少一次。

第一部 只適用於年檢事項

Code 編碼 (1-35)	Type of FSI 裝置類型	Location(s)位置	Comment on Condition 狀況評述	Completion Date 完成日期 (DD/MM/YYYY)	Next Due Date 下次到期日 (DD/MM/YYYY)

Part 2 第二部 Installation / Modification / Repair / Inspection works 裝置/改裝/修理/檢查工作

Code 編碼 (1-35)	Type of FSI 裝置類型	Location(s)位置	Nature of Work Carried out 完成之工作內容	Comment on Condition 狀況評述	Completion Date 完成日期 (DD/MM/YYYY)
16	Fire Hydrant / Hose Reel System	G/F FS PUMP RM	Supply and Install 2000L Hose Reel Water Tank x 1 no.	Conform with FSD Requirements	31/07/2023
16	Fire Hydrant / Hose Reel System	G/F FS PUMP RM	Supply and Install 4kw Hose Reel Pump x 2 nos.	Conform with FSD Requirements	31/07/2023

Part 3 第三部 Defects 損壞事項

Code 編碼 (1-35)	Type of FSI 裝置類型	Location(s)位置	Outstanding Defects 未修缺點	Comment on Defects 缺點評述

Remark 備註

I/We hereby certify that the above installations/equipment have been tested and found to be in efficient working order in accordance with the Codes of Practice for Minimum Fire Service Installations and Equipment and Inspection, Testing and Maintenance of Installations and Equipment published from time to time by the Director of Fire Services. Defects are listed in Part 3.

本人藉此證明以上之消防裝置及設備經試驗, 證明性能良好, 符合消防處處長不時公佈的最低限度之消防裝置及設備守則與裝置及設備之檢查測試及保養守則的規格, 損壞事項列於第三部。

如證書涉及年檢事項, 應張貼於大廈或處所當眼處以供消防處人員查核

This certificate should be displayed at prominent location of the building or premises for FSD's inspection if any annual maintenance work is involved.

Authorized Signature:

Name: 姓名

Ngai Lung Kei

FSD/RC No.: 消防處註冊號碼

RC1 / 0423 RC2 / 0597

Company Name: 公司名稱

RNB Engineering  
Hong Kong Limited

Telephone: 聯絡電話

24422353

Date: 日期

31/07/2023

For FSD use only

Inspected

Key-in

Verified



Serial Number

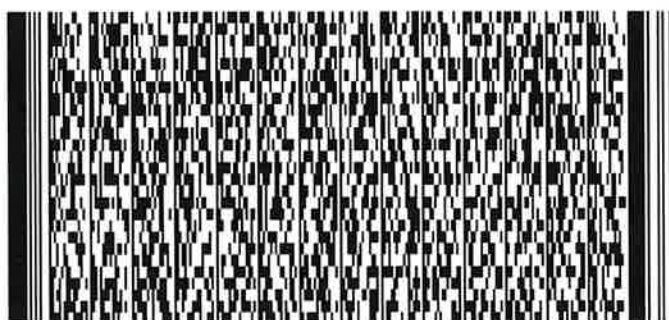
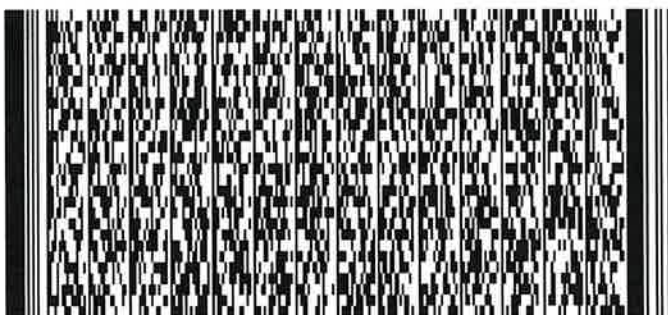
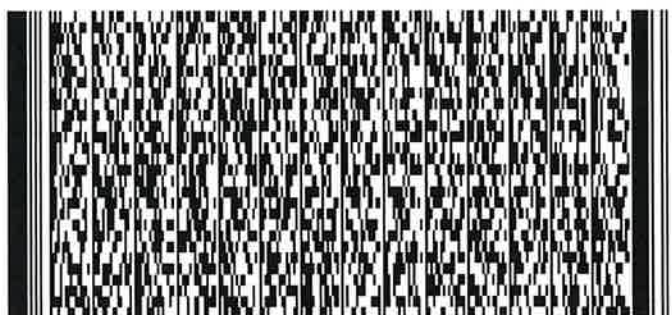
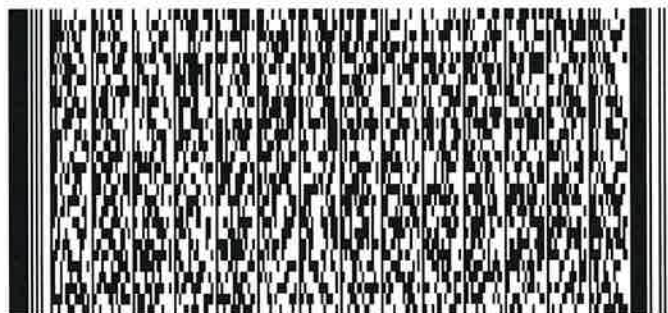
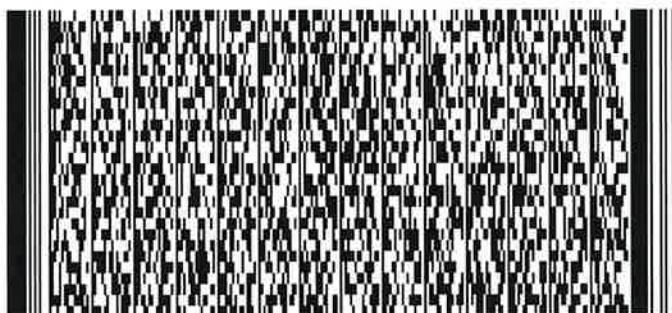
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Name of Client 顧客姓名

Fruit Garden Social Enterprise Limited

Part 2 第二部 Installation / Modification / Repair / Inspection works 裝置/改裝/修理/檢查工作

Code 編碼 (1-35)	Type of FSI 裝置類型	Location(s)位置	Nature of Work Carried out 完成之工作內容	Comment on Condition 狀況評述	Completion Date 完成日期 (DD/MM/YYYY)
16	Fire Hydrant / Hose Reel System	G/F FS PUMP RM	Supply and Install 1.1kw Hose Reel Jockey Pump x 1 no.	Conform with FSD Requirements	31/07/2023
16	Fire Hydrant / Hose Reel System	G/F FS PUMP RM	Supply and Install Hose Reel Pump Control Panel x 1 no.	Conform with FSD Requirements	31/07/2023
16	Fire Hydrant / Hose Reel System	Whole Building	Supply and Install Hose Reel x 5 nos.	Conform with FSD Requirements	31/07/2023
13	Fire Alarm System (MFA)	G/F Office	Supply and Install FS Control Panel x 1 no.	Conform with FSD Requirements	31/07/2023
13	Fire Alarm System (MFA)	G/F Office	Supply and install 10A Charger x 1 no.	Conform with FSD Requirements	31/07/2023





Serial Number

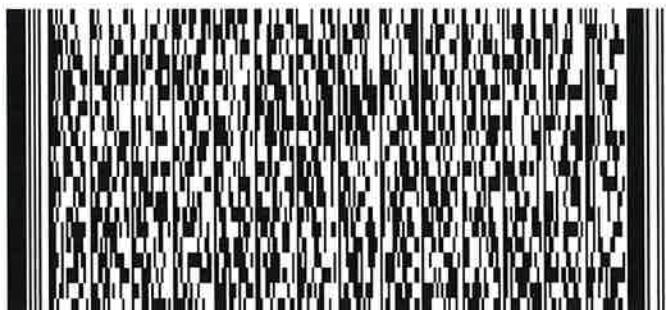
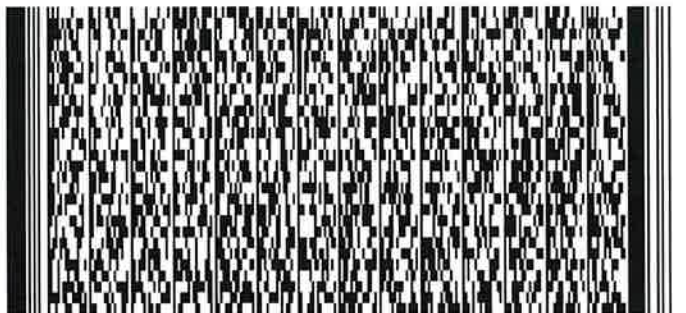
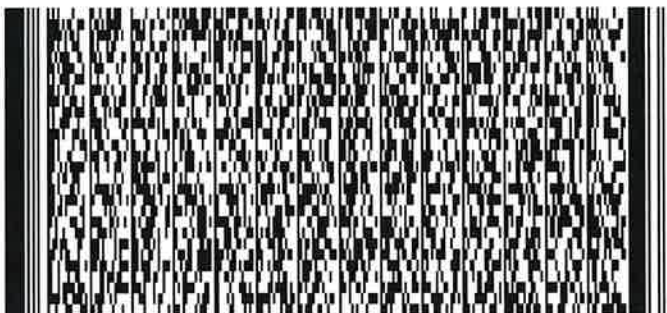
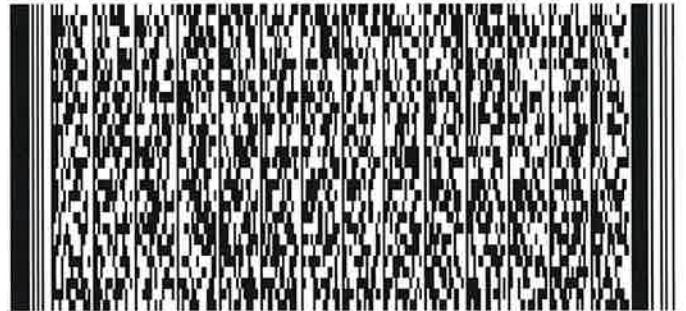
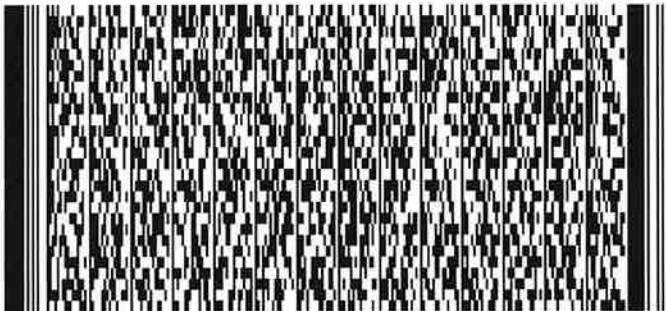
10423 001285

Name of Client 顧客姓名

Fruit Garden Social Enterprise Limited

Part 2 第二部 Installation / Modification / Repair / Inspection works 裝置/改裝/修理/檢查工作

Code 編碼 (1-35)	Type of FSI 裝置類型	Location(s)位置	Nature of Work Carried out 完成之工作內容	Comment on Condition 狀況評述	Completion Date 完成日期 (DD/MM/YYYY)
15	Fire Detection System	Whole Building	Supply and Install Heat Detector x 4 nos.	Conform with FSD Requirements	31/07/2023
13	Fire Alarm System (MFA)	Whole Building	Supply and Install Fire Alarm Bell x 11 nos.	Conform with FSD Requirements	31/07/2023
13	Fire Alarm System (MFA)	Whole Building	Supply and Install Visual Fire Alarm x 17 nos.	Conform with FSD Requirements	31/07/2023
13	Fire Alarm System (MFA)	Whole Building	Supply and Install Break Glass Unit x 20 nos.	Conform with FSD Requirements	31/07/2023



Serial Number

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Fruit Garden Social Enterprise Limited

