

9 September 2013

LAU Kam-sing, Dickie  
c/o Wealthy Gate Architects  
& Associates Limited  
26<sup>th</sup> Floor, Arion Commercial Centre  
2-12 Queen's Road West  
Hong Kong

Dear Sir,

No. 15 Hennessy Road, Kowloon  
I.L. 8289

I refer to your application received on 12 July 2013 for approval of proposals in respect of Building & Structural (Alterations & Additions) (FS Water Tank and Associated Supports on G/F and R/F).

2. Your submission of plans has been checked under the curtailed check system announced in Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers ADM-19. On this basis, I am satisfied that your submission is fundamentally acceptable and may be approved.

3. You are reminded that the curtailed check system covers only the fundamental issues of a building proposal. Although non-fundamental issues will not be raised as reasons for disapproving a submission, I expect that all contraventions of the Buildings Ordinance and its subsidiary legislation are rectified as and when they are discovered and in any event, before completion of the works is certified. In this connection, I ask you to note that the Building Authority attaches great importance to the proper assumption of duties and responsibilities by authorised persons and registered structural engineers.

4. In accordance with the provisions of regulation 30(1) of the Building (Administration) Regulations, this is to notify that the above - mentioned plans submitted with your application received on 12 July 2013 is hereby approved. One set of the said plans, on which I have signified my approval, is enclosed. Your client has been sent a copy of this letter but I would request that you ensure that the contents are understood by him.

5. This approval should not be deemed to confer any title to land or to act as a waiver of any term in any lease or licence. This approval does **NOT** authorise the commencement or the carrying out of any works shown in the approved plans. Section 14(2) of the Buildings Ordinance refers.

6. This approval is subject to the conditions and requirements given in Appendixes I, II & III as attached.

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7. The approval given herein is confined to the coloured portions as shown on the plan and should not be construed as approval to the uncoloured portions of the plan.
8. Your attention is drawn to the submission of demolition plan for the parapet walls for approval prior to consent application.
9. You should also ensure that adequate precautionary measures are taken and properly maintained at all times to protect the occupiers, the workers and the public. Nuisance such as noise and dust or other inconvenience should be kept to the minimum.
10. The District Planning Officer/Hong Kong, Planning Department (contact person: Louis KAU at tel. no. 2231 4917) has no statutory planning objection to the proposed works and his comments were conveyed to you via memo dated 8 August 2013.
11. Director of Leisure and Cultural Services Department (Contact Person: Ms. Rammy LAI at tel. no. 2721 2673) has no comment on the proposal from a heritage preservation viewpoint.
12. It is noted that the District Lands Officer/ Hong Kong East, Lands Department has conveyed his comments to you via letter at 5 August 2013.
13. Your plans have been referred to CHE/HK, Highways Department and AC for T/U, Transport Department for comments.

Yours faithfully,



( SHUM Luk-cheung )  
Chief Building Surveyor/Fire Safety  
for Building Authority

c.c. **Hong Kong Council of Social Service**  
**Duke of Windsor Social Services Building**  
15 Hennessy Road  
Wan Chai, Hong Kong

**RSE – Ngai Hok Yan**

**DFS**  
**DLO/HKE**  
**DPO/HK**  
**AMO/LCSD**  
**CHE/HK**  
**AC for T/U**  
**CO/SM**

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Appendix I to approval dated 9 SEPTEMBER 2013

### Structural Steel Works

In giving this approval of plans, I hereby impose the following conditions under item 6 in section 17(1) of the Buildings Ordinance:

- (a) For welding of structural steel works, welding procedures and welders should be assessed/tested in accordance with the appropriate provisions of the Annex A to the Code of Practice for the Structural Use of Steel 2011.
- (b) Non-destructive testing of welds should be carried out in accordance with the appropriate provisions of the Code of Practice for the Structural Use of Steel 2011 and by a laboratory\* accredited under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) or by other laboratory accreditation bodies which have reached mutual recognition agreements/arrangements with HOKLAS for the particular test concerned. The test reports@ shall be endorsed by Registered Structural Engineer and kept on site for inspection by representatives of the Buildings Department.

2. The following conditions in respect of qualified supervision of works are imposed under item 6 in section 17(1) of the Buildings Ordinance:

- (a) Qualified site supervision of the structural steel works, including fabrication, erection and examination of the structural elements, by experienced and competent persons as defined in (b) and (c), should be provided to ensure that the works are carried out in accordance with the plans approved and that the required standards are complied with.
- (b) The Registered Structural Engineer should assign a quality control supervisor to supervise the works, determine the necessary frequency of inspection by the quality control supervisor which should not be less than once a week, and devise inspection check lists. The minimum qualifications and experience of the quality control supervisor is to be the same as the Technically Competent Person of grade T3, as stipulated in the Code of Practice for Site Supervision 2009.
- (c) The Registered General Building Contractor/Registered Specialist Contractor should assign a quality control co-ordinator to provide full time on site supervision of the works and devise inspection check lists. The minimum qualifications and experience of the quality control co-ordinator is to be the same as the Technically Competent Person of grade T1, as stipulated in the Code of Practice for Site Supervision 2009.
- (d) The names and qualifications of the supervisory personnel representing the Registered Structural Engineer and the Registered General Building

Contractor/Registered Specialist Contractor respectively should be recorded in an inspection log book. The date, time, items inspected and inspection results should be clearly recorded in the log book. The log book should be kept on site for inspection by representatives of the Buildings Department.

3.# Under Building (Administration) Regulation 10, the following documents are required to be submitted for structural steel of Classes 1, 2 or 1H classified in accordance with the Code of Practice for the Structural Use of Steel 2011:

A copy of mill certificates of the structural steel used, which should be appended with a statement signed by the Registered Structural Engineer to confirm that the requirements of chemical composition and mechanical properties appropriate to the class and grade of steel have been complied with and the structural steel used is produced from a manufacturer with an acceptable Quality Assurance system.

4.# Where structural steel of Classes 2, 3 or 1H is used, the following conditions are imposed under item 6 in section 17(1) of the Buildings Ordinance:

Sampling and testing of structural steel should be carried out in accordance with Annex D to the Code of Practice for the Structural Use of Steel 2011. Testing should be carried out by a laboratory\* accredited under HOKLAS or by other laboratory accreditation bodies which have reached mutual recognition agreements/arrangements with HOKLAS for the particular test concerned. The test results@ should be appended with a statement signed by the Registered Structural Engineer and submitted within 60 days of the delivery of the structural steel to the site for confirmation of the followings:

- (i) All structural steel used for the construction and the test specimens covered by the test reports are in accordance with the classes and grades of steel shown in the approved plans.
- (ii) Sampling and testing of structural steel used have been carried out in accordance with the Code of Practice for the Structural Use of Steel 2011.
- (iii) The acceptance criteria appropriate to each class and grade of steel used have been complied with.
- (iv) Testing of steel has been carried out by a laboratory\* accredited under HOKLAS or by other laboratory accreditation bodies which have reached mutual recognition agreements/arrangements with HOKLAS.

# Delete wherever inapplicable

\* A Directory of Accredited Laboratories in Hong Kong is obtainable from the Hong Kong Accreditation Service (HKAS) Executive, Innovation and Technology Commission.

A laboratory's accreditation for an individual test or calibration may be granted, modified or withdrawn at any time. Up-to-date information on accredited laboratories and their

scopes of accreditation are available on the internet at the HKAS website at <http://www.info.gov.hk/itc/hkas/>.

- ④ The test carried out by an accredited laboratory should be within its scope of accreditation. Test results should be reported on a HOKLAS Endorsed Certificate or equivalent Certificate/Report issued from other laboratory accreditation bodies which have reached mutual recognition agreements/arrangements with HOKLAS.

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Appendix II to approval dated 9 SEPTEMBER 2013

**Foundation Works (Spread Footings/Rafts)  
with Foundation Units founded on Soil**

In giving this approval of plans, I hereby impose the following conditions under item 6 in section 17(1) of the Buildings Ordinance:

- (a) Qualified site supervision of the reinforced concrete works, including sampling of concrete and steel reinforcing bars and making and curing of test cubes, by experienced and competent persons should be provided to ensure that the works are carried out in accordance with the plans approved and that the required standards are complied with.
- (b) Sampling and testing of steel reinforcing bars should be carried out in accordance with CS2:2012<sup>#</sup>/Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers (PNAP) APP-45 for compliance with CS2:1995<sup>#</sup>. Testing should be carried out by a laboratory\* accredited under the HOKLAS for the particular test concerned. Test results<sup>@</sup> should be submitted within 60 days of the delivery of the steel reinforcing bars to the site. The test reports should be appended with a statement signed by the Registered Structural Engineer to confirm the following:
  - (i) All steel reinforcing bars used for the construction and the test specimens covered by the test reports are in accordance with the types and grades of steel shown in the approved plans.
  - (ii) Sampling and testing of steel reinforcing bars used have been carried out in accordance with CS2:2012<sup>#</sup>/PNAP APP-45 for compliance with CS2:1995<sup>#</sup>.
  - (iii) The acceptance criteria appropriate to each type and grade of steel reinforcing bars used have been complied with.
  - (iv) All steel reinforcing bars tests have been carried out by a laboratory\* accredited under the HOKLAS.
- (c) Sampling of concrete and compression testing of concrete test cubes should be carried out in accordance with the methods specified in CS1:2010. Testing should be carried out by a laboratory\* accredited under the HOKLAS for the particular test concerned. Test results<sup>@</sup> should be submitted within 21 days after testing. The test reports should be appended with a summary which contains information on locations of concerned structural elements, concrete grades and dates of cast. The summary should also include previous summary information of concrete cube test reports in chronological order.

The test reports should also be appended with a statement signed by the Registered Structural Engineer to confirm the following:

- (i) All concrete used for the construction and concrete cubes covered by the test reports are in accordance with the concrete grades shown in the approved plans.
- (ii) Concrete cube sizes, rates of sampling fresh concrete for testing and acceptance criteria for compressive strength set out in Building (Construction) Regulations have been complied with.
- (iii) All concrete cube tests have been carried out by a laboratory\* accredited under the HOKLAS and in accordance with the methods specified in CS1:2010.
- (d) Concrete should be obtained from concrete suppliers certified under the Quality Scheme for the Production and Supply of Concrete except for those exceptional projects permitted under clause 11.7.1 of the Code of Practice for Structural Use of Concrete 2013 where documents should be submitted by the Registered Structural Engineer to prove that the concrete supplier is operating under an approved quality system.
- ~~^(e) Static plate loading tests should be carried out to verify the adequacy of the allowable bearing capacity of the founding stratum. The related testing procedures and acceptance criteria are required to be submitted.~~

2. Under item 7 in section 17(1) of the Buildings Ordinance, adequate precautionary measures and suitable working procedures should be adopted in the carrying out of the above works to safeguard the stability of any building, structure, land, street or services. ~~^In this connection, two sets of excavation and lateral support plans are required to be submitted.~~

3. You are reminded that site supervision of the foundation works by a team of supervisors shall be provided each by the Authorized Person, the Registered Structural Engineer, <sup>#</sup>Registered Geotechnical Engineer and the Registered General Building Contractor / Registered Specialist Contractor in accordance with the Technical Memorandum for Supervision Plans 2009 and the Code of Practice for Site Supervision 2009 to ensure that the quality of the foundation works is up to standard and that the works are carried out in accordance with the approved plans and in such a manner as not to render inadequate the margin of safety of, or impair the stability of, or cause danger to any building, structure, land, street or services. Details of site supervision for the foundation works shall be included in the supervision plan and submitted prior to or at the time of application for consent to the commencement of the foundation works.

~~^4. In connection with paragraph 3 above regarding inspection of bearing stratum to check for compliance with approved plans, site investigation reports and design assumptions and, the static plate loading tests as specified in paragraph 1(e) above where required, the Buildings Department should be notified of the time and date of the inspection and the test so that they may be witnessed by a representative from the Department.~~

~~5. Under Building (Administration) Regulation 10, the reports of the static plate loading tests specified in paragraph 1(e) above should be submitted when the tests are completed.~~

6. Under Building (Administration) Regulation 10, two sets of foundation record plans and report together with the Form BA 14 stipulated in Building (Administration) Regulation 25 to certify the completion of the foundation works are required to be submitted. The record plans should include details of the characteristic features of the site and the identification, location, size, depth and level of each foundation unit as constructed and the report should include, for each foundation unit, the date of construction, the quality and quantity of materials used, the concrete test cube results, the excavation records.

~~#7. Consent to the commencement and carrying out of the above works will not be given until the excavation and lateral support plans specified in paragraph 2 and, where required, the static plate loading testing procedures and acceptance criteria specified in paragraph 1(e) above have been submitted and found satisfactory/approved.~~

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A laboratory's accreditation for an individual test or calibration may be granted, modified or withdrawn at any time. Up-to-date information on accredited laboratories and their scopes of accreditation are available on the internet at the HKAS website at <http://www.info.gov.hk/itc/hkas/>.

@ The test carried out by an accredited laboratory should be within its scope of accreditation. To ensure this, test results should be reported on a HOKLAS Endorsed Certificate or equivalent Certificate/Report issued from other laboratory accreditation bodies which have reached mutual recognition agreements/arrangements with the HOKLAS.

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### **Glass Reinforced Polyester Water Tank Works**

In giving this approval of plans, the following conditions in respect of qualified supervision of works is imposed under item 6 in section 17(1) of the Buildings Ordinances:

- (a) Qualified site supervision of the glass reinforced polyester water tank works, including fabrication, erection and examination of the structural elements/fixings, by experienced and competent persons as defined in (b) and (c), should be provided to ensure that the works are carried out in accordance with the plans approved and that the required standards are complied with.