

*Burnaby Engineering Associates Ltd.*  
Structural Engineering Consultants – Aluminum Railings Specialists  
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February 7, 2023

East & West Alum Craft Ltd.  
Tel: 1 800 661 2773  
Fax: 604 438 4021

Dear Madam/Sir,

Burnaby Engineering Associates Ltd. confirms the structural design of the S.T.A.R. Aluminum Railing System, c/w related test data, complies with the loading requirements of the National Building Code 2019 Alberta Edition, NBC (AE)

Please note:

For commercial and applicable residential railing projects, the following should be taken into consideration, with reference to the above approval statement:

- a) Due to many railing configurations, layouts and mounting details, it is recommended that commercial projects are to be reviewed on a case by case basis. This will ensure the guardrail system fully meets the requirements of the project documents and site conditions. The approved shopdrawings should be issued prior to construction/installations of the railing systems.
- b) Guard railing posts sizes may vary from project to project, however our recommendation is the usage of 2"x2"x0.125" posts on all commercial projects, unless preliminary design-check was conducted and approved shopdrawings were issued for different guard railing posts (e.g. 1.75"x1.75"x0.075" posts), prior to guard railings installation.
- c) Connections of the railing posts, c/w base plates and connectors and connections of top rails to structural substrate c/w approved anchorage methods, is critical to the performance of the engineered guard railing systems.
- d) Attachment of the railings to structural substrate where the railings meet the building may be required.

Should you have any questions or comments regarding the foregoing, please call the undersigned.

Sincerely,

Julian Gy. Bozsik, M.Eng., P.Eng.

