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August 11, 2003

Protective Roofing Products Ltd.
10 Pineland Avenue, Unit #5
Stoney Creek, Ontario
L8E 3A5

Attention: Mr. Ted Palmer
President

Subject: Protective Roofing Products Ltd.
PR-100 Safety Rail
Structural Engineering Services
Our Project No. 00068

Dear Sir:

Further to your request, we have reviewed the structural capacity of the PR-100 Safety Rail System, and the test results provided, and compared them to the requirements of the 'Occupation Health and Safety Act and Regulations for Construction Projects', Ontario Regulation 213/91, as issued on June 2002 with amendments.

In our opinion, the components of the PR-100 Safety Rail System are capable of resisting a point load of 675 newtons (152lbs) applied in a lateral direction to the top of the rail at any location, as required by Ontario Regulation 213/91, Regulations Clause 26.3 (5).

In addition, the PR-100 Safety Rail System, when installed with the recommended 2 x 4 wood top and intermediate rails and toe board (when required), meets all loading requirements of Regulations Clause 26.3(5).

The test results provided by Intertek Testing Services, dated November 29, 2002, indicated that the HSS 1 1/4" x 1 1/4" x 0.125" guardrail post, which is the prime component of the PR-100 Safety Rail System, withstood horizontal test loads at the top, of up to 400lbs (1780 newtons) without failure. This test result value indicates appropriate factors of safety will exist in the system at the 675 newton load.

The above referenced PR-100 structural capacity assumes the following:

1. That the PR-100 Safety Rail System has been installed in accordance with the manufacturer's instructions.
2. That the building parapets being attached to, are structurally sound and capable of providing the required anchorage resistance.

Note - New Address!

Principals: E.H. Chapman, P.Eng.; A.E. Cipriani, P.Eng.; A.P. Cyriac, P.Eng.; G.E. Elliott, P. Eng. (Honorary);
E.A. Kolodziejcki, P.Eng.; G.G. Matsis, P.Eng.; D.L. Thompson, P. Eng.; M.W. Wickham, P.Eng.

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July 22, 2003

3. That the masonry anchors used are installed in accordance with the manufacturer's recommendations.

We trust the above confirmation is adequate for your purposes.

Yours truly,

Group Eight Engineering Limited



E. A. Kolodziejcki, P.Eng.



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