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November 14, 2024

Tracy Coleman
City of La Center
Community Development & Public Works
La Center, WA 99629

**RE: La Center Community Center Windows
1000 E 4th St., La Center, Washington**

Dear Tracy,

The intent of this project was to determine the feasibility of adding four new windows to the existing CMU exterior end wall.

We reviewed the photos you sent as well as partial drawings from another previous project KGA performed engineering on in this building. After determining current wind and seismic forces on this building, we analyzed the wall in question.

The in-plane shear and out of plane bending moment resulted in low stresses, therefore retrofit is not necessary. Calculations follow.

Four 4'-0" wide x 3'-0" high openings may be cut in the CMU end wall along block joints. The height of bottom of opening may be at location that best fits owner needs. Five equal length piers, 4'-8" wide, should be the result. No additional reinforcing is needed.

I trust the above information is satisfactory for your needs. If you have any questions, please telephone our office.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Hughes', is written over a light blue horizontal line.

Mark A. Hughes P.E. S.E., LEED AP
Kramer Gehlen & Associates, Inc.