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June 22, 2023

NBBJ  
310 SW 4th Ave, Suite 900  
Portland, OR 97204

ATTN: Jessica Radecki

RE: *Kaiser Permanente – Roof Top Units Replacement & Mechanical Improvements  
1007 39<sup>th</sup> Ave SE, Puyallup WA*

Dear Jessica:

At your request, we have reviewed the mechanical roof top unit replacements at the Kaiser Puyallup Medical Office Building in Puyallup, Washington. The units to be replaced are indicated in the Basis of Design Narrative provided by PAE Engineers dated July 18, 2022. Existing unit and new unit specifications have been provided by PAE Engineers per equipment cut sheets and excel file summary Mech Equipment Schedule excel file sent on April 13, 2023.

There are (8) existing units to be replaced: (4) rows of (2) units of relatively equal size and weight. The existing structural drawings dated November 11, 2011, indicate a maximum roof top mechanical unit combined weight of 3,200 lbs for each row of units. The maximum replacement row of units combined weight is 2,634 lbs which is less than the indicated design capacity of the structure.

The existing structural roof framing has sufficient capacity to support the replacement of the (8) roof top units as discussed.

Very truly yours,

PCS STRUCTURAL SOLUTIONS

D. McKell Bowen, S.E.  
Associate

Reviewed by:  
Todd P. Parke, S.E.  
Managing Principal



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