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Heather Sustersic Structural Thesis Advisor Had132@engr.psu.edu

Dear Prof. Sustersic,

The following report was written for Notebook Submission C for AE 481W. This document includes relevant information from Notebook Submission A & B needed for Notebook Submission C. Submission C includes a structural analysis of the lateral system for 230 N. 13th St. I chose to model the building using RAM Structural System. My modeling approach is explained and comparisons are made between my hand calculations and the output that RAM gave. Conclusions are drawn from my overall results and spot checks are provided for typical members.

Thank you for reviewing this report and I look forward to hearing your feedback.

Sincerely,

Jesse Bordeau

Enclosed: Notebook Submission C