UNIVERSITY OF WYOMING

COLLEGE OF ENGINEERING AND APPLIED SCIENCE

Civil and Architectural Engineering Concrete Materials Laboratory Expansion

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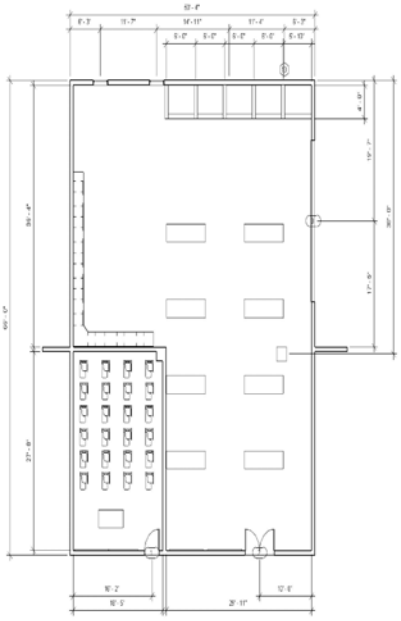
The Department of Civil and Architectural Engineering (CAE) has made special efforts to maintain the tradition of hands-on physical testing laboratories. While many universities have had to phase out these experiences because of the time and expense involved, UW CAE is seeking to enhance our laboratories with improved spaces, equipment, and instructional linkages that are tightly tied to technical writing.

The proposed laboratory expansion will include a remodel of the existing space (790 ft^2), the removal of the door wall between column and construction of a new adjoining space (2080 ft^2) that will bring our total laboratory area to 2870 ft^2 (a 360% increase). The space for the expansion is located directly east of the laboratory and is shown in the figure below.

The new addition is shown in the floor plan below.



The cost to build the Concrete Materials Laboratory expansion is estimated at $485,000. With the potential of a continuation of the Wyoming State Matching funds for facilities (1:1), the development goal is to raise $250,000 in private funds at $50,000 or higher increments to achieve the match.