

Project Brief

Slaughter Residence

CMU Wall & Pilaster Repair



West Yellowstone, MT
2009



The CMU retaining walls and CMU pilasters of a residence in West Yellowstone, MT were bowing out due to external soil pressures.

Fibrwrap Construction installed vertical strips of the carbon-based Tyfo® SCH-41-2X System to provide the required additional flexural capacity for the CMU walls and pilasters set forth by Nishkian Monks Structural Engineers. Horizontal strips of the glass-based Tyfo® SEH-51A System were installed at the quarter-height points along the CMU wall to provide horizontal reinforcement and transfer the forces between the vertical carbon strips.

Implementing the Tyfo® Fibrwrap® Advanced Composite Systems, the owner was provided an alternative to conventional construction which resulted in vast time savings and reduced remedial costs.

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