



US007658045B2

(12) **United States Patent**
Elliott et al.

(10) **Patent No.:** **US 7,658,045 B2**
(45) **Date of Patent:** **Feb. 9, 2010**

(54) **WALL STRUCTURE FOR PROTECTION AGAINST WIND-CAUSED UPLIFT**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 169 days.

(21) Appl. No.: **11/767,498**

(22) Filed: **Jun. 23, 2007**

(65) **Prior Publication Data**

US 2008/0313995 A1 Dec. 25, 2008

(51) **Int. Cl.**

E04B 5/00 (2006.01)
E04B 2/30 (2006.01)
E04B 9/00 (2006.01)

(52) **U.S. Cl.** **52/408**; 52/483.1; 52/478

(58) **Field of Classification Search** 52/408, 52/483.1, 478, 202, 203, 220.4, 264-267, 52/302.1, 409, 411, 506.01, 506.03, 506.04
See application file for complete search history.

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(57) **ABSTRACT**

In a system and a method for erecting a structure, the walls of the structure are securely interconnected with a foundation, such as, a concrete slab or footing. The system includes a laminated shear panel formed by bonding a thin shear layer (e.g., a layer of sheet steel or other suitable high-strength material) to a surface of a non-structural layer. The thin shear layer has one dimension longer than the non-structural sheet so that a tab of the shear layer extends from one edge of the non-structural sheet. The shear panel is mounted on the exterior walls of a structure with the panel secured to the vertical studs of the wall and with the extended tab secured to the foundation. The shear panel binds the walls of the structure to the foundation to inhibit the walls from lifting or shifting during high wind conditions.

17 Claims, 3 Drawing Sheets

