MACTEC Engineering & Consulting, Inc.

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REPORT OF SHEAR LOAD TESTING

Partition Top Anchors

Client:	Wire-Bond 400 Roundtree Rd., PO Box 240988 Charlotte, NC 28224	Office:	Charlotte
		Lab No.:	6230-06-3467
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Attn:	Mike Ripley	Date:	February 22, 2006

Client P.O.: Per Signed PWAS

Material Type: Masonry Wall-Top Stabilizing Anchors

Type A: Standard Design (3/8 inch bar with a 3-inch x 2-inch x 12 gauge plate) – 3 samples
Type B: Dovetail Design (3/8 inch bar with a 12 gauge dove tail end) – 3 samples

Date Tested: February 21, 2006

Test Criteria: Each sample was tested in a fixture designed to simulate shear loading conditions in service. A calibrated tension testing machine was used to provide the shear load. The ultimate load of each sample at failure is reported below.

Test Results

Anchor Type	Sample	Ultimate Load (Lbs)	Average Load (lbs)
A	1	3,520	
A	2	5,040	4,400
A	3	4,640	
B	4	1,360	
B	5	1,760	1,470
B	6	1,280	

Reviewed:

Buford L. Hinson
Principal Engineer

Respectfully Submitted,
MACTEC ENGINEERING & CONSULTING, INC.

Andrew J. Kottenstette
Senior Engineer