SUMMARY OF RESULTS

	Transverse Uniform Positive Load (lb./ft.^{2})	Transverse Uniform Negative Load (lb./ft.^{2})	Racking Shear Load (lb.)
Average Load at L/240 Deflection	68.3	41.9	____
Average Load at 0.002h Lateral Deflection	____	____	5,300
Average Ultimate Load	197.5	95.5	12,000

Complete load and deflection data are presented in figures 1 thru 3.

FAILURE MODES

All six test panels subject to the Positive and Negative Transverse Uniform Load Tests failed in bending.

All three samples subjected to the racking shear load test failed as a result of the sill plate pulling away from the anchor bolt at the tension end of the panel. This caused the panel to rotate about the toe (compression end) of the panel and created a stress concentration on the side stud at the toe end. Localized buckling of the side stud and diagonal cracking of the concrete occurred at the base 12" of the toe end.