

Table 2

Comparison of <i>IRC</i> & <i>SDPWS</i> Design Capacities											
Code Provisions	Shear Capacity (plf)	x	Factor for Continuous Structural Sheathing (IRC) or Shear Capacity Adjustment Factor, C0 (SDPWS)	x	Combined partial restraint and whole building factor (for IRC only)	x	Shear Wall Length (ft)	/	Factor of Safety	=	Design Lateral Load Resistance (lbs)
IRC	500	x	1.15	x	1.2	x	6.5	/	2.0	=	2243
SDPWS	515	x	0.81	x	1.0	x	4.5	/	2.0	=	938
Ratio of IRC to SDPWS Design Lateral Load Resistance										=	2.4