

**Table 34: Wall 5 (C to C/D) diaphragm connection forces - Lyttelton.**

Level	East/West Actions					
	CCCC		CHHC		CBGS	
	Maximum Westward (kN)	Maximum Eastward (kN)	Maximum Westward (kN)	Maximum Eastward (kN)	Maximum Westward (kN)	Maximum Eastward (kN)
Level 6	2023	-2405	1718	-2007	1985	-2203
Level 5	1675	-2315	1357	-1813	1429	-1957
Level 4	1379	-2328	1055	-1413	1430	-2142
Level 3	1233	-1620	1053	-1226	1009	-1630
Level 2	825	-1373	1147	-1036	1134	-1194

Table 35, Table 36 and Table 37 present the diaphragm connection actions summarised for the entire north core at each floor level. Results presented are the enveloped maxima recorded over the duration of the time-history record analysed.

**Table 35: North core total diaphragm connection E/W forces - Lyttelton.**

Level	East/West Actions					
	CCCC		CHHC		CBGS	
	Maximum Westward (kN)	Maximum Eastward (kN)	Maximum Westward (kN)	Maximum Eastward (kN)	Maximum Westward (kN)	Maximum Eastward (kN)
Level 6	2481	-2895	2111	-2359	2392	-2451
Level 5	2697	-2054	2131	-1813	2154	-2198
Level 4	2262	-2299	1673	-1543	2337	-1861
Level 3	1928	-1958	1755	-1322	1849	-1957
Level 2	1243	-1735	1538	-1325	1573	-1534