

2.0E LVL Double Ledger

Allowable Loads and Minimum Bearing Lengths. Deflection limited to L/360 or 1/4" Max.

2.0E LVL ALLOWABLE LOADS AND MINIMUM BEARING LENGTHS—DOUBLE LEDGER

Span [ft]	Condition	DOUBLE 1½" LEDGER					DOUBLE 1¾" LEDGER					DOUBLE 2¼" LEDGER					DOUBLE 2½" LEDGER					
		Depth [in]					Depth [in]					Depth [in]					Depth [in]					
		5½	6½	7¼	9¼	11¼	5½	6½	7¼	9¼	11¼	5½	6½	7¼	9¼	11¼	5½	6½	7¼	9¼	11¼	
6	Conc + DL [plf]	509	843	1171	2436	3568	594	983	1366	2841	4162	764	1264	1756	3653	5352	849	1404	1951	4059	5946	
	Total Load [plf]	1137	1537	1872	2867	3568	1327	1793	2184	3344	4162	1706	2306	2807	4300	5352	1896	2562	3119	4778	5946	
	Min. Bearing [in]	3	3	3	4	5	3	3	3	4	5	3	3	3	4	5	3	3	3	4	5	
7	Conc + DL [plf]	319	529	735	1531	2759	372	617	858	1786	3218	479	793	1103	2297	4138	532	881	1225	2552	4598	
	Total Load [plf]	835	1128	1374	2131	3033	974	1316	1603	2486	3538	1252	1692	2060	3197	4549	1391	1880	2289	3552	5055	
	Min. Bearing [in]	3	3	3	3½	5	3	3	3	3½	5	3	3	3	3½	5	3	3	3	3½	5	
8	Conc + DL [plf]	330	460	959	1729	2729	232	385	536	1119	2018	298	495	689	1438	2594	331	550	766	1598	2882	
	Total Load [plf]	862	1050	1630	2320	2729	744	1006	1225	1902	2707	957	1294	1575	2445	3480	1063	1437	1751	2717	3867	
	Min. Bearing [in]	3	3	3	4-1/4	5	3	3	3	3	4-1/4	3	3	3	3	4-1/4	3	3	3	3	4-1/4	
9	Conc + DL [plf]	204	285	596	1076	1676	238	332	695	1256	2018	306	427	894	1614	2594	204	340	475	993	1794	
	Total Load [plf]	680	829	1286	1831	2729	794	967	1501	2136	3218	1021	1243	1930	2747	3480	839	1134	1381	2144	3052	
	Min. Bearing [in]	3	3	3	3-3/4	5	3	3	3	3-3/4	5	3	3	3	3-3/4	5	3	3	3	3	3-3/4	
10	Conc + DL [plf]				389	703			216	453	820			277	583	1055			220	308	648	1172
	Total Load [plf]				1041	1482			782	1214	1729			1005	1561	2222			917	1117	1734	2469
	Min. Bearing [in]				3	3-1/2			3	3	3-1/2			3	3	3-1/2			3	3	3	3-1/2
11	Conc + DL [plf]				263	477			307	557				395	716				207	438	796	
	Total Load [plf]				859	1223			1002	1427				1288	1834				921	1431	2038	
	Min. Bearing [in]				3	3-1/4			3	3-1/4				3	3-1/4				3	3	3-1/4	
12	Conc + DL [plf]					335			214	390				275	502					306	558	
	Total Load [plf]					1026			841	1197				1081	1539					1201	1710	
	Min. Bearing [in]					3			3	3				3	3				3	3		

Notes:

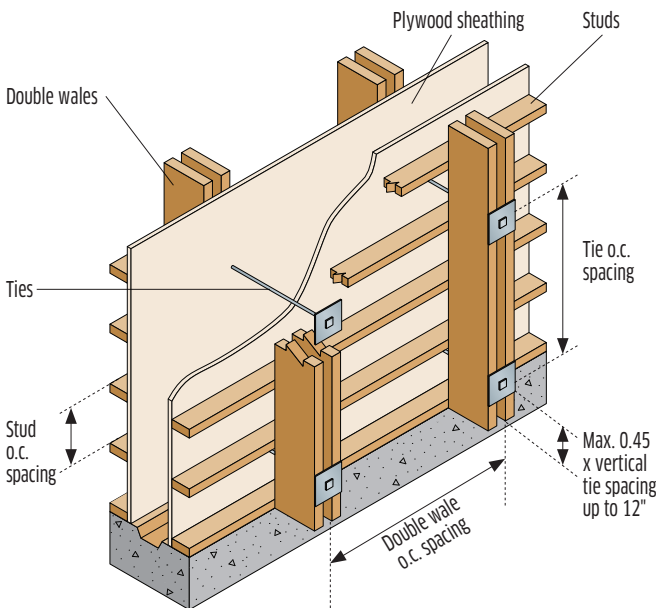
- Table values are for beam orientation.
- Span is measured from center to center of supports.
- Table values for Conc + DL (concrete plus dead load) are limited by deflection equal to the lesser of 1/4 inch or span/360.
- Table values have been adjusted by $C_M = 0.90$ for unprotected use. Total Load has also been adjusted by $C_D = 1.25$ for construction load duration.
- Use sizing software or consult a professional engineer when loading is not uniform or when design conditions are otherwise outside the scope of this table.

How To Use These Tables:

- Determine the Conc + DL (concrete plus dead load) and Total Load in pounds per lineal foot (plf) that must be supported by the formwork. Neglect ledger weight.
- Select a table that matches the ledger under consideration.
- Select a span from the first column.
- Scan across the table for a pair of Conc + DL and Total Load values that exceed the design requirements identified in Step 1. If none are found, choose a wider ledger and return to Step 2.
- Support across the full width of the ledger is required. Verify that the required Min. Bearing length can be provided. If not, consider a wider ledger and return to Step 2.
- Select the ledger depth at the top of the column that satisfies the criteria provided by Steps 4 and 5.

Wall and Column Forms

TYPICAL WALL FORM ASSEMBLY



DOUBLE WALE ASSEMBLY FOR WALL APPLICATIONS

