

06 13 Heavy Timber Construction

06 13 23 – Heavy Timber Framing

06 13 23.10 Heavy Framing

		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&E
0250	Built from 4" lumber, multiple 4" x 6"	2 Carp	.80	20	M.B.F.	2,075	1,125		3,200	3.9
0260	Multiple 4" x 8"		.90	17.778		2,100	1,000		3,100	3.8
0270	Multiple 4" x 10"		1	16		2,100	900		3,000	3.6
0280	Multiple 4" x 12"		1.10	14.545		2,150	820		2,970	3.6
0290	Columns, structural grade, 1500 fb, 4" x 4"		.60	26.667		2,475	1,500		3,975	4.9
0300	6" x 6"		.65	24.615		2,825	1,375		4,200	5.2
0400	8" x 8"		.70	22.857		2,900	1,275		4,175	5.1
0500	10" x 10"		.75	21.333		2,900	1,200		4,100	5.0
0600	12" x 12"		.80	20		2,900	1,125		4,025	4.8
0800	Floor planks, 2" thick, T&G, 2" x 6"		1.05	15.238		3,250	860		4,110	4.8
0900	2" x 10"		1.10	14.545		4,250	820		5,070	5.9
1100	3" thick, 3" x 6"		1.05	15.238		4,250	860		5,110	5.9
1200	3" x 10"		1.10	14.545		4,250	820		5,070	5.9
1400	Girders, structural grade, 12" x 12"		.80	20		2,900	1,125		4,025	4.8
1500	10" x 16"		1	16		5,000	900		5,900	6.8
2300	Roof purlins, 4" thick, structural grade	↓	1.05	15.238	↓	2,100	860		2,960	3.5

06 15 Wood Decking

06 15 16 – Wood Roof Decking

06 15 16.10 Solid Wood Roof Decking

0010	SOLID WOOD ROOF DECKING									
0350	Cedar planks, 2" thick	2 Carp	350	.046	S.F.	8.10	2.57		10.67	12.8
0400	3" thick		320	.050		12.15	2.82		14.97	17.7
0500	4" thick		250	.064		16.25	3.60		19.85	23.5
0550	6" thick		200	.080		24.50	4.50		29	33.5
0650	Douglas fir, 2" thick		350	.046		5.35	2.57		7.92	9.7
0700	3" thick		320	.050		8.05	2.82		10.87	13.0
0800	4" thick		250	.064		10.70	3.60		14.30	17.1
0850	6" thick		200	.080		16.10	4.50		20.60	24.5
0950	Hemlock, 2" thick		350	.046		5.45	2.57		8.02	9.8
1000	3" thick		320	.050		8.20	2.82		11.02	13.2
1100	4" thick		250	.064		10.90	3.60		14.50	17.3
1150	6" thick		200	.080		16.35	4.50		20.85	24.5
1250	Western white spruce, 2" thick		350	.046		3.48	2.57		6.05	7.6
1300	3" thick		320	.050		5.25	2.82		8.07	9.9
1400	4" thick		250	.064		6.95	3.60		10.55	13
1450	6" thick	↓	200	.080	↓	10.45	4.50		14.95	18.2

06 15 23 – Laminated Wood Decking

06 15 23.10 Laminated Roof Deck

0010	LAMINATED ROOF DECK									
0020	Pine or hemlock, 3" thick	2 Carp	425	.038	S.F.	9.60	2.12		11.72	13.7
0100	4" thick		325	.049		11	2.77		13.77	16.2
0300	Cedar, 3" thick		425	.038		16.30	2.12		18.42	21
0400	4" thick	↑	325	.049	↑	22	2.77		24.77	28
0600	Fir, 3" thick		425	.038		12.80	2.12		14.92	17.2
0700	4" thick	↓	325	.049	↓	16.25	2.77		19.02	22