



## Estimate of Materials and Cost of Construction

<b>Summary</b>	<b>Amount</b>
Subtotal	\$ 991,194
Profit/Overhead	\$ 247,798
Total	\$ 1,238,992

ITEM #	DRAWINGS REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	ITEM COST	TRADE COST
<b>WOODS, PLASTIC &amp; COMPOSITES</b>											<b>\$ 991,194</b>
<b>Building A</b>											
1	A7-A10.	Simpson CS16 strap	316	5%	332	lf	\$ 25.0	\$ 3,318.0	\$ 4,977.0	\$ 8,295	
<b>Building B</b>											
2	A18-A23.	Simpson CS16 strap	200	5%	210	lf	\$ 25.0	\$ 2,100.0	\$ 3,150.0	\$ 5,250	
3	A18-A23.	Simpson St18	5	5%	5	lf	\$ 35.0	\$ 73.5	\$ 110.3	\$ 184	
<b>Building C</b>											
4	A25-A29.	Simpson CS16 strap	404	5%	424	lf	\$ 25.0	\$ 4,242.0	\$ 6,363.0	\$ 10,605	
<b>Building D</b>											
5	A30-A36.	simpson CS16 strap	723	5%	759	lf	\$ 25.0	\$ 7,591.5	\$ 11,387.3	\$ 18,979	
<b>Building A</b>											
1	A7-A10.	2x cross bracing	28	5%	29	lf	\$ 6.0	\$ 70.6	\$ 105.8	\$ 176	
6	A7-A10.	2x full depth ridge	119	5%	125	lf	\$ 6.0	\$ 299.9	\$ 449.8	\$ 750	
6	A7-A10.	2x sway bracing	165	5%	173	lf	\$ 6.0	\$ 415.8	\$ 623.7	\$ 1,040	
7	A7-A10.	2x4 flat 1/3 spans of trusses	163	5%	171	lf	\$ 8.0	\$ 547.7	\$ 821.5	\$ 1,369	
7	A7-A10.	4x12 headers	102	5%	107	lf	\$ 24.0	\$ 1,028.2	\$ 1,542.2	\$ 2,570	
8	A7-A10.	6 x12 douglas fir no.2 beam	4	5%	4	lf	\$ 36.0	\$ 60.5	\$ 90.7	\$ 151	
8	A7-A10.	Pre fabricated press plate wood gable and trusses	48	5%	50	lf	\$ 7.0	\$ 141.1	\$ 211.7	\$ 353	
9	A7-A10.	2x8 floor joist @24"O.C	7,543	5%	7,920	sf	\$ 16.0	\$ 50,689.0	\$ 76,033.4	\$ 126,722	
9	A7-A10.	2x10 roof rafter @24"O.C	3,593	5%	3,773	sf	\$ 20.0	\$ 30,181.2	\$ 45,271.8	\$ 75,453	
10	A7-A10.	Wall framing	4,665	5%	4,898	sf	\$ 4.0	\$ 7,836.4	\$ 11,754.5	\$ 19,591	
<b>Building B</b>											
11	A18-A23.	2x cross bracing	43	5%	45	lf	\$ 6.0	\$ 108.4	\$ 162.5	\$ 271	
12	A18-A23.	2x sway bracing	121	5%	127	lf	\$ 6.0	\$ 304.9	\$ 457.4	\$ 762	
12	A18-A23.	2x4 flat 1/3 spans of trusses at top	134	5%	141	lf	\$ 6.0	\$ 337.7	\$ 506.5	\$ 844	
13	A18-A23.	4x12 douglas fir no2 beam	98	5%	103	lf	\$ 24.0	\$ 987.8	\$ 1,481.8	\$ 2,470	
13	A18-A23.	4x12 headers	124	5%	130	lf	\$ 24.0	\$ 1,249.9	\$ 1,874.9	\$ 3,125	
14	A18-A23.	6x12 wood beam	50	5%	53	lf	\$ 36.0	\$ 756.0	\$ 1,134.0	\$ 1,890	
14	A18-A23.	Pre fabricated 11.25" floor joist @16"	1,398	5%	1,468	sf	\$ 22.0	\$ 12,917.5	\$ 19,376.3	\$ 32,294	
14	A18-A23.	Pre fabricated 11.25" floor joist @24"	667	5%	700	sf	\$ 18.0	\$ 5,042.5	\$ 7,563.8	\$ 12,606	
15	A18-A23.	Pre fabricated 11.25" roof rafter @24"	4,741	5%	4,978	sf	\$ 18.0	\$ 35,842.0	\$ 53,762.9	\$ 89,605	
15	A18-A23.	Wall framing	10,557	5%	11,085	sf	\$ 4.0	\$ 17,735.8	\$ 26,603.6	\$ 44,339	
<b>Building C</b>											
16	A25-A29.	2x cross bracing	43	5%	45	lf	\$ 6.0	\$ 108.4	\$ 162.5	\$ 271	
17	A25-A29.	2x sway bracing	129	5%	135	lf	\$ 6.0	\$ 325.1	\$ 487.6	\$ 813	
18	A25-A29.	4x12 douglas fir no2 beam	84	5%	88	lf	\$ 6.0	\$ 211.7	\$ 317.5	\$ 529	
18	A25-A29.	4x12 headers	196	5%	206	lf	\$ 24.0	\$ 1,975.7	\$ 2,963.5	\$ 4,939	
19	A25-A29.	6x12 douglas fir no2 beam	24	5%	25	lf	\$ 24.0	\$ 241.9	\$ 362.9	\$ 605	
19	A25-A29.	6x12 wood beam	50	5%	53	lf	\$ 36.0	\$ 756.0	\$ 1,134.0	\$ 1,890	

ITEM #	DRAWINGS REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	LABOR COST	MATERIAL COST	ITEM COST	TRADE COST
19	A25-A29.	Pre fabricated 11.25" floor joist @16"O.C	1,894	5%	1,989	sf	\$ 22.0	\$ 17,500.6	\$ 26,250.8	\$ 43,751	
19	A25-A29.	Pre fabricated 11.25" floor joist @24"O.C	848	5%	890	sf	\$ 18.0	\$ 6,410.9	\$ 9,616.3	\$ 16,027	
20	A25-A29.	Pre fabricated 11.25" roof rafter @24".O.C	6,940	5%	7,287	sf	\$ 18.0	\$ 52,466.4	\$ 78,699.6	\$ 131,166	
20	A25-A29.	Wall framing	15,273	5%	16,037	sf	\$ 4.0	\$ 25,658.6	\$ 38,488.0	\$ 64,147	
<b>Building D</b>											
21	A30-A36.	2x cross bracing	12	5%	13	lf	\$ 6.0	\$ 30.2	\$ 45.4	\$ 76	
22	A30-A36.	2x sway bracing	168	5%	176	lf	\$ 6.0	\$ 423.4	\$ 635.0	\$ 1,058	
22	A30-A36.	2x4 flat 1/3 spans of trusses at top	240	5%	252	lf	\$ 6.0	\$ 604.8	\$ 907.2	\$ 1,512	
23	A30-A36.	4x12 douglas fir no2 beam	116	5%	122	lf	\$ 24.0	\$ 1,169.3	\$ 1,753.9	\$ 2,923	
23	A30-A36.	4x12 headers	186	5%	195	lf	\$ 24.0	\$ 1,874.9	\$ 2,812.3	\$ 4,687	
24	A30-A36.	6x12 douglas fir no2 beam	32	5%	34	lf	\$ 36.0	\$ 483.8	\$ 725.8	\$ 1,210	
24	A30-A36.	6x12 wood beam	64	5%	67	lf	\$ 22.0	\$ 591.4	\$ 887.0	\$ 1,478	
24	A30-A36.	Pre fabricated 11.25" roof rafter @16"	3,451	5%	3,624	sf	\$ 18.0	\$ 26,089.6	\$ 39,134.3	\$ 65,224	
24	A30-A36.	Pre fabricated 11.25" roof rafter @24"	3,382	5%	3,551	sf	\$ 18.0	\$ 25,567.9	\$ 38,351.9	\$ 63,920	
25	A30-A36.	Wall framing	21,591	5%	22,671	sf	\$ 4.0	\$ 36,272.9	\$ 54,409.3	\$ 90,682	
<b>Building E</b>											
26	A37-A39.	2x cross bracing	9	5%	9	lf	\$ 6.0	\$ 22.7	\$ 34.0	\$ 57	
27	A37-A39.	2x full depth ridge	42	5%	44	lf	\$ 6.0	\$ 105.8	\$ 158.8	\$ 265	
27	A37-A39.	2x sway bracing	25	5%	26	lf	\$ 6.0	\$ 63.0	\$ 94.5	\$ 158	
28	A37-A39.	2x4 flat 1/3 spans of trusses at top	76	5%	80	lf	\$ 8.0	\$ 255.4	\$ 383.0	\$ 638	
28	A37-A39.	4x12 headers	28	5%	29	lf	\$ 24.0	\$ 282.2	\$ 423.4	\$ 706	
29	A37-A39.	6 x12 wood beam	135	5%	142	lf	\$ 36.0	\$ 2,041.2	\$ 3,061.8	\$ 5,103	
30	A37-A39.	2x10 roof rafter @24"O.C	1,063	5%	1,116	sf	\$ 20.0	\$ 8,929.2	\$ 13,393.8	\$ 22,323	
30	A37-A39.	Wall framing	1,272	5%	1,336	sf	\$ 4.0	\$ 2,137.0	\$ 3,205.4	\$ 5,342	
<b>SUB TOTAL</b>										\$ 991,194	\$ 991,194
<b>INSURANCE</b>							3%	\$ 29,736	\$ 29,736		
<b>OVERHEAD AND PROFIT</b>							22%	\$ 218,063	\$ 218,063		
<b>TOTAL BASE BID</b>										\$ 1,238,992	\$ 1,238,992

**General Notes:** The prices used while preparing the estimate were taken from RSMMeans online i.e. the standard pricing & the company is not responsible for any kind of variations in the prices. So, it is preferred to review the prices.

- Note**
- The drawings are scaled as per the mentioned scales on the plans.
  - The prices used are standard prices, unless otherwise noted.

- Exclusions**
- Union Wages

- Legend**
- F.C = Waste or diff. factor
  - sf = square feet
  - lf = linear feet
  - ea = each
  - cy = cubic yard
  - sy = square yard
  - loc = location
  - ls = lump sum