



CSS FRAMING CONTRACTOR DATABASE

The Construction Support Services Framing Contractor database has over 1700 items of work covering all phases of wood framing construction arranged in chronological format.

Starting with the basement level we progress upward through 1st, 2nd and 3rd floor construction then to roof framing and finish off with soffits, siding and door and window installation.

This database has complete labor, material and subcontract unit pricing which can be modified by the end user with their specific historical data.

The database includes assemblies with extensive assembly help for all phases of work which includes typical drawing details and photos of each assembly with help notes to guide the estimator through the take off process.

Traces for eTakeoff Dimension and Mappings for eTakeoff Bridge come with the Database.

Database specifications

Over 120 Phases
 Over 2500 Items
 Over 150 Formulas
 Over 100 Material Classes
 Over 100 Assemblies

<u>Phase</u>	<u># of Assemblies</u>
Rough Carpentry	4
Sills, Plates, Ledgers	2
Basement/Walkout	15
1 st Floor	20
2 nd Floor	20
3 rd Floor	20
Stairs	1
Roof	5
SIP Panels	2
Soffit/Fascia	3
Siding/Trim	1
Exterior Doors/Windows	2
Decks/Trellis/Arbors	2
Log Home Construction	1

Database Phase List

Quick Takeoff: Wood Framing

Search

Sort item list by: Phase/Item

Expand All

Collapse All

Enter dimensions

Help

- 10.00 GENERAL CONDITIONS
- 15.00 BOLTS-NAILS-FASTENERS
- 20.00 ROUGH CARPENTRY
- 25.00 FRAMING QUOTES
- 30.00 PLATES-SILLS-LEDGERS
- 35.00 BASEMENT FRAMING
- 40.00 1ST FLOOR FRAMING
 - 40.05 FLOOR FRAMING LABOR
 - 40.10 2x FLOOR FRAMING MATERIAL
 - 40.15 FLOOR TRUSSES
 - 40.20 FLOOR DECKING
 - 40.25 WALL LABOR
 - 40.30 WALL FRAMING MATERIAL
 - 40.35 HEADER MATERIAL
 - 40.40 SHEATHING
 - 40.45 POST & BEAM LABOR
 - 40.50 SOLID POST MATERIAL
 - 40.55 SOLID BEAM MATERIAL
 - 40.60 GLUE LAM POST MATERIAL
 - 40.65 GLUE LAM BEAM MATERIAL
 - 40.70 CEILING FRAMING LABOR
 - 40.75 CEILING FRAMING MATERIAL
- 45.00 2ND FLOOR FRAMING
- 50.00 3RD FLOOR FRAMING
- 55.00 STAIRS
- 60.00 ROOF FRAMING
- 65.00 STRUCTURAL PANEL FRAMING
- 70.00 SOFFIT FRAMING
- 75.00 SIDING & TRIM
- 80.00 EXT. DOORS & WINDOWS
- 85.00 DECKS-TRELLIS-ARBORS
- 90.00 LOG HOMES

Assembly Example

Assembly Takeoff: Wood Framing

2x4 Interior Walls - 1st Floor

Quantity: 1.000 each

Length Wall: 53.000 lf

Height Wall: 8.000 ft

Bott. Plt. Treated?: Yes

Stud Spacing: 16.000 in

Corners or Ends: 5.000 ea

Fire Blocking Req'd?: Yes

Runs Fire Blocking: 1.000 ea

Sheathing Req'd?: No

Shots & Pins Req'd?: Yes

Shots & Pin Spacing: 24.000 in

Anchor Bolts Req'd?: No

Wall Hold Downs?: Yes

Wall Hold Downs: 2.000 ea

Hold Down Type: 1.000

Phase	Item	Description	Quantity	Unit
1	40.30	10 2x4 Top Plate	106.000	lf
2	40.30	15 2x4 Treated Plate	53.000	lf
3		2x4 Studs - 1st		
4	40.30	40 2x4x8 Stud Grade	51.000	ea
5	40.30	197 2x4 RL #2 SPF	53.000	lf
6		Wall Sheathing-1st		
7	15.20	30 Shots & Pins	27.000	ea
8		Wet Set Anchor Bolts		
9		Wedge Anchors		
10		Wall Hold Downs		
11	15.15	30 HD2A Holddown Anchor 8" h.	2.000	ea
12	40.25	05 Labor - Walls 2x4 / sf	424.000	sf
13	40.25	35 Labor - Fire Blocking	53.000	lf
14		Wall Shing Lab-1st		
15				

Partial Assembly List

Assembly Takeoff: Wood Framing

- 10.00 GENERAL CONDITIONS
- 20.00 ROUGH CARPENTRY
- 30.00 PLATES-SILLS-LEDGERS
- 35.00 BASEMENT FRAMING
- 40.00 1st FLOOR FRAMING
 - 40.01 2x Floor Framing 1st Floor
 - 40.03 Truss Floor Framing 1st Floor
 - 40.04 2x4 Interior Walls - 1st Floor
 - 40.07 2x4 Interior Hung Walls - 1st Floor
 - 40.10 2x4 Interior Pony Walls - 1st Floor
 - 40.13 2x4 Exterior Walls - 1st Floor
 - 40.16 2x6 Interior Walls - 1st Floor
 - 40.19 2x6 Interior Hung Walls - 1st Floor
 - 40.22 2x6 Interior Pony Walls - 1st Floor
 - 40.25 2x6 Exterior Walls - 1st Floor
 - 40.28 2x8 Interior Walls - 1st Floor
 - 40.31 2x8 Interior Hung Walls - 1st Floor
 - 40.34 2x8 Interior Pony Walls - 1st Floor
 - 40.37 2x8 Exterior Walls - 1st Floor
 - 40.40 Built-Up Headers 1st Floor
 - 40.43 Solid Headers 1st Floor
 - 40.46 Solid Posts 1st Floor
 - 40.49 Glu-Lam Posts 1st Floor
 - 40.52 Solid Beams 1st Floor
 - 40.55 Glu-Lam Beams 1st Floor
 - 40.58 2x Ceiling Framing 1st Floor
- 45.00 2nd FLOOR FRAMING
- 50.00 3rd FLOOR FRAMING
- 55.00 STAIRS
- 60.00 ROOF FRAMING
- 65.00 STRUCTURAL PANELS

Assembly Takeoff: Wood Framing

Common Rafter

Quantity: 1.000 each

Rafter Span: 13.200 ft

Rafter Run: 22.000 lf

Rafter Spacing: 24.000 in

Is Roof Pitched?: Yes

Roof Pitch: 6.000

Nominal Size: 28.000

Joist Hangers Req'd?: Yes

Phase	Item	Description	Quantity	Unit
1		2x Rafter		
2	60.10	95 2x8 x 16 #2 SPF	12.000	ea
3		Joist Hangers		
4	15.15	65 Single 2x8 Joist Hanger	24.000	ea
5		Roof Frame Labor		
6	60.05	10 Roof Framing 4/12 - 6/12 Pitch	324.667	sf
7				

Quantity: 290.40 sf Cost: \$390.16 \$1.34 / sf

Assembly Takeoff: Wood Framing

This assembly uses Select at Takeoff. After you have answered the variables and hit the Enter key, the database will open and allow you to select the items. Do not enter a quantity here.

Quantity: 1,000 each
 Instructions:
 Length Member: 25,000 ft
 # Members: 2,000 ea
 Lag Bolts?: No
 Wedge Anchors?: Yes
 # of Wedge Anchors: 13,000 ea
 Wedge Anchor Size: 5,000

Pass 2

Phase	Item	Description	Quantity	Unit
1	30.15	05 Select Material		lf
2	30.15	45 2x6 RL Treated	50,000	lf
3		Lag Bolts		
4		Wedge Anchors		
5	15.10	75 5/8" x 6" Wedg Anchor Bolt	13,000	ea
6	30.05	05 Select Labor Item		lf
7	30.05	10 Labor - 6" Sills & Plates	50,000	lf
8	30.05	50 Drill Hole & Install Bolt	13,000	ea
9				

Quantity: 25,000 ft Cost: \$207.31 \$8.29 / ft

Phase	Description	Takeoff Quantity	Labor Productivity	Labor Cost/Unit	Labor Price	Labor Amount	Material Price	Material Amount	Sub Price	Sub Amount	Total Cost/Unit	Total Amount
	BOLTS-NAILS-FASTENERS											
15.10	ANCHOR BOLTS											
	5/8" x 6" Wedg Anchor Bolt	13,000 ea	0.100 hr / ea	1.60 /ea	16.00 /hr	21	4.44 /ea	58	-	-	6.04 /ea	79
15.15	STRAPS-HANGERS-HOLD DOWNS											
	HD2A Holddown Anchor 8" h.	2,000 ea	-	-	-	-	5.07 /ea	10	-	-	5.08 /ea	10
	Single 2x8 Joist Hanger	24,000 ea	-	-	-	-	0.53 /ea	13	-	-	0.53 /ea	13
15.20	FASTENERS											
	Shots & Pins	27,000 ea	-	-	-	-	0.25 /ea	7	-	-	0.25 /ea	7
	PLATES-SILLS-LEDGERS											
30.05	LABOR											
	Labor - 6" Sills & Plates	50,000 lf	0.048 hr / lf	0.77 /lf	16.00 /hr	38	-	-	-	-	0.77 /lf	38
	Drill Hole & Install Bolt	13,000 ea	0.300 hr / ea	4.80 /ea	16.00 /hr	62	-	-	-	-	4.80 /ea	62
30.15	TREATED MATERIAL											
	2x6 RL Treated	50,000 lf	-	-	-	-	0.56 /lf	28	-	-	0.56 /lf	28
	1ST FLOOR FRAMING											
40.25	WALL LABOR											
	Labor - Walls 2x4 / sf	424,000 sf	0.071 hr / sf	1.14 /sf	16.00 /hr	482	-	-	-	-	1.14 /sf	482
	Labor - Fire Blocking	53,000 lf	0.150 hr / lf	2.40 /lf	16.00 /hr	127	-	-	-	-	2.40 /lf	127
40.30	WALL FRAMING MATERIAL											
	2x4 Top Plate	106,000 lf	-	-	-	-	0.45 /lf	32	-	-	0.30 /lf	32
	2x4 Treated Plate	53,000 lf	-	-	-	-	0.63 /lf	22	-	-	0.42 /lf	22
	2x4x8 Stud Grade	51,000 ea	-	-	-	-	0.42 /lf	114	-	-	2.24 /ea	114
	2x4 RL #2 SPF	53,000 lf	-	-	-	-	0.43 /lf	15	-	-	0.29 /lf	15
	ROOF FRAMING											
60.05	ROOF FRAMING LABOR											
	Roof Framing 4/12 - 6/12 Pitch	324,670 sf	0.048 hr / sf	0.77 /sf	16.00 /hr	249	-	-	-	-	0.77 /sf	249
60.10	2X ROOF FRAMING MATERIAL											
	2x8 x 16 #2 SPF	12,000 ea	-	-	-	-	0.50 /lf	128	-	-	10.67 /ea	128