

# **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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> 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>	# of Asser	<u>nblies</u>
Rough Carpentry	/	4
Sills, Plates, Led	gers	2
Basement/Walko	but	15
1 <sup>st</sup> Floor		20
2 <sup>nd</sup> Floor		20
3 <sup>rd</sup> Floor		20
Stairs		1
Roof		5
SIP Panels		2
Soffit/Fascia		3
Siding/Trim		1
Exterior Doors/W	/indows	2
Decks/Trellis/Arb	ors	2
Log Home Const	truction	1

### Database Phase List

Quick Takeoff: Wood Framing	?
	Search
15.00 BOLTS-NAILS-FASTENERS 10 20.00 ROUGH CARPENTRY	
25.00 FRAMING QUOTES	Sort item list by:
30.00 PLATES-SILLS-LEDGERS	
35.00 BASEMENT FRAMING	Phase/Item
a 40.00 1ST FLOOR FRAMING	<b></b>
- 40.05 FLOOR FRAMING LABOR	Expand All
- 40.10 2X FLOOR FRAMING MATERIAL	Collapse All
← 40.15 FLOOR TRUSSES ← 40.20 FLOOR DECKING	
	Enter dimensions
40.20 WALL FRAMING MATERIAL	
40.35 HEADER MATERIAL	Help
- 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	
HI 40.65 GLUE LAM BEAM MATERIAL	
40.75 CEILING FRAMING MATERIAL	
a 45.00 2ND FLOOR FRAMING	
50.00 3RD FLOOR FRAMING	
🚞 55.00 STAIRS	
🚞 60.00 ROOF FRAMING	
65.00 STRUCTURAL PANEL FRAMING	
20.00 SOFFIT FRAMING	
75.00 SIDING & TRIM	
80.00 EXT. DOORS & WINDOWS 85.00 DECKS-TRELLIS-ARBORS	
90.00 LOG HOMES	

### Partial Assembly List

Assembly Takeoff: Wood Framing
10.00 GENERAL CONDITIONS 20.00 ROUGH CARPENTRY
30.00 PLATES-SILLS-LEDGERS
35.00 PLATES SILLS LEDGERS
40.00 1st FLOOR FRAMING
Hill 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
- a 40.40 Built-Up Headers 1st Floor
- a 40.43 Solid Headers 1st Floor
- a 40.46 Solid Posts 1st Floor
→ 🗎 40.49 Glu-Lam Posts 1st Floor
Hand 40.52 Solid Beams 1st Floor
- 🗎 40.55 Glu-Lam Beams 1st Floor
L L 40.58 2x Ceiling Framing 1st Floor 45.00 2nd FLOOR FRAMING
50.00 3rd FLOOR FRAMING
55.00 STAIRS
a 60.00 ROOF FRAMING
■ 65.00 STRUCTURAL PANELS

## Assembly Example

	00 1st FLOO	R ERAMIN	6	2x4 Interior Walls - 1st Floc	r					
	40.04 2x4 Ini			ZA4 Intenor widits - Tachioc	Quantity	1.000	each			
	40.04 2.x4 m 🗎 Pass		012 4:39 PM	Le	ngth Wall '	53.000				
L	🗈 New pass		012 4.00110		eight Wall '	8.000	ft			
	Markew bass				Treated ?	Yes				
				Stud Spacing " 16.0						
					ers or Ends	5.000	ea			
					ing Reqd?	Yes				
					e Blocking	1.000	ea			
					ing Reqd?	No				
					ins Regd.?	Yes				
					in Spacing hts Read.?	24.000 No	In			
					ld Downs?	Yes				
					old Downs	2.000				
					own Type	1.000	ea			
					-omini ype	1.000				
				Pass 2		0 + *	Ť.			
	Phase	Item		Description	Quantity	Unit				
	40.30	10	2x4 Top Pla		106.000	lf				
1										
2	40.30	15		2x4 Treated Plate 53.000 If 2x4 Stude_1et						
2 3			2x4 Studs -	1st						
2 3 4	40.30	40	=11 2x4 Studs - └─□ 2x4x8'Stu	1st ud Grade	51.000	ea				
2 3 4 5			■ 2x4 Studs - 2x4x8'Stu 2x4 RL #2	1st ud Grade SPF		ea				
2 3 4 5 6	40.30 40.30	40	■ 2x4 Studs ■ 2x4x8/Stu ■ 2x4 RL #2 ■ Wall Sheat	1st ud Grade SPF ning-1st	51.000 53.000	ea lf				
2 3 4 5 6 7	40.30	40	2x4 Studs 2x4x8'Stu 2x4x8'Stu 2x4x8'Stu 2x4 RL #2 Wall Sheath Shots & Pin	1st ud Grade SPF ning-1st s	51.000	ea lf				
2 3 4 5 6 7 8	40.30 40.30	40	2x4 Studs 2x4x8'Stu 2x4x8'Stu 2x4 RL #2 Wall Sheatt Shots & Pin Wet Set An	1st ud Grade SPF ning-1st s chor Bolts	51.000 53.000	ea lf				
2 3 4 5 6 7 8 9	40.30 40.30	40	2x4 Studs 2x4x8'Stu 2x4x8'Stu 2x4 RL #2 Wall Sheatt Shots & Pin Wet Set An Wedge And Wedge And	1st ud Grade SPF s chor Bolts chors	51.000 53.000	ea lf				
2 3 4 5 6 7 8 9 10	40.30 40.30 15.20	40 197 30	Image: State Stat	1st Jd Grade SPF ing-1st s chor Bolts shors lowns	51.000 53.000 27.000	ea lifea				
2 3 4 5 6 7 8 9 10 11	40.30 40.30 15.20 15.15	40 197 30 30 30	Image: State of the state	1st Jd Grade SPF s chor Bolts chor Bolts owns Jddown Anchor 8'' h.	51.000 53.000 27.000 2.000	ea    f    ea    ea				
2 3 4 5 6 7 8 9 10	40.30 40.30 15.20 15.15 40.25	40 197 30	Image: State of the state	1st Jd Grade SPF s chor Bolts hors Jddown Anchor 8'' h. Is 2x4 / sf	51.000 53.000 27.000 22.000 424.000	ea If ea ea e				
2 3 4 5 6 7 8 9 10 11 12	40.30 40.30 15.20 15.15	40 197 30 30 30 30 05	Image: State of the state	1 st Ja Grade SFF s chor Bolts hors Joldown Anchor 8'' h. Is 2x4 / sf Blocking	51.000 53.000 27.000 2.000	ea If ea ea e				

🗖 Ass	embly Tak	eoff: Wo	ood Framing				(		X
60.0	DO ROOF FR.	AMING		Common Raf	ters				
- 🔄 (	60.10 Commo	on Rafters				Quantity	1	.000 ei	ach
	🗎 Pass	1 1/15/2	012 4:42 PM		F	Rafter Span '		3.200 ft	
	🗎 New pass				Rafter Run			2.000 lf	
	_					fter Spacing	24.000		in
					ls Ro	of Pitched ?		Yes	
						Roof Pitch		6.000	
						Iominal Size	- 28	8.000	
					Joist Har	ngers Reqd?		Yes	
				Pass 2				#`}	ĸ
	Phase	Item		cription		Quantity	Unit		
1			2x Rafters				_	_	
2	60.10	95	└─□ 2x8 x 16 #2 9	SPF		12.00	0 ea	_	
3	15.15	05	Joist Hangers			04.00		_	
4	15.15	65	└─□ Single 2x8 Jo III Boof Frame Lab			24.00	0 ea	_	
5	60.05	10	□ Roof Frame Lab		01.	324.66	7 .4	_	
7	60.05	10	-u Roor Framing	4/12·6/12P	iten	324.66	7 51	_	
<	lotes	Attachmer	× 1		OK	X Canc		Hel	)
<u> </u>	0.05	Attacrimer	IC	<b>~</b>	012	🔥 <u>c</u> anc	51   🥤	<u>H</u> ei	Ρ.

Construction Support Services 3509 Stone Creek Lane N., Fort Worth, Tx 76137 Phone: 817-504-5812

🔁 30.1	00 PLATES-S	SILLS Thi	s assembly uses Select at Takeoff.	Ils-Ledgers		
L <u>C</u>	30.15 Treater		er you have answered the variables	Quantity	1.000	each
H	🖹 Pass		I hit the Enterkey, the database will	Instructions		
L	🖹 New pass		and allow you to select the items.	Length Member '	25.000	
		00	not enter a quantity here.	# Members	2.000	ea
				Lag Bolts?	No	
				Wedge Anchors?	Yes	
				of Wedge Anchors	13.000	ea
			W W	edge Anchor Size	5.000	
			Pass 2		0 + *	ŝ
	Phase	Item	Description	Quantity	Unit	^
1	30.15	05	Contract Material		lf	
1 2			Content Anterial	50.000	lf	
3	30.15	05	to Select Material └── 2x6 RL Treated III Lag Bolts		lf	
3	30.15 30.15	05 45	The Select Material 2x6 RL Treated Lag Bolts Wedge Anchors	50.000	lf lf	
3 4 5	30.15 30.15 15.10	05 45 75	Image: The second s		lf lf ea	
3 4 5 6	30.15 30.15 15.10 30.05	05 45 75 05	Image: Select Material   □ 2x6 RL Treated   III Lag Bolts III Wedge Anchors   □ 5x8" x 6" Wedg Anchor Bolt   III Select Labor Item	50.000	lf lf ea lf	
3 4 5 6 7	30.15 30.15 15.10 30.05 30.05	05 45 75 05 10	Image: Select Material       Image: Data Fill Treated       If Lag Bolts       If Wedge Anchors       Image: Data Fill Treated	50.000 13.000 50.000	lf lf ea lf lf	
3 4 5 6	30.15 30.15 15.10 30.05	05 45 75 05	Image: Select Material   □ 2x6 RL Treated   III Lag Bolts III Wedge Anchors   □ 5x8" x 6" Wedg Anchor Bolt   III Select Labor Item	50.000	lf lf ea lf lf	

1	I	T-b-m	Labor	Labor		Labor	Markaul, 1	Martin I.		Cul	Tetal	Tetal
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		1									
15.10	ANCHOR BOLTS											
	5/8" x 6" Wedg Anchor Bolt	13.00 ea	0.100 hr/ea	1.60 /ea	16.00 <i>/</i> hr	21	4.44 /ea	58	12	-	6.04 /ea	79
15.15	STRAPS-HANGERS-HOLD DOWNS											
	HD2A Holddown Anchor 8" h.	2.00 ea	15	-		-	5.07 /ea	10	-	-	5.08 /ea	10
	Single 2x8 Joist Hanger	24.00 ea	-	-	-		0.53 /ea	13		-	0.53 /ea	13
15.20	FASTENERS											
	Shots & Pins	27.00 ea	-	-8	-	-	0.25 /ea	7	-	-	0.25 /ea	7
	PLATES-SILLS-LEDGERS											
30.05	LABOR											
1	Labor - 6" Sills & Plates	50.00 lf	0.048 hr / lf	0.77 Af	16.00 <i>/</i> hr	38	-	-	-	-	0.77 Af	38
1	Drill Hole & Install Bolt	13.00 ea	0.300 hr/ea	4.80 /ea	16.00 /hr	62	-	-	12	-	4.80 /ea	62
30.15	TREATED MATERIAL											
	2x6 RL Treated	50.00 lf	1.5	-		-	0.56 <i>I</i> bf	28		-	0.56 Af	28
	1ST FLOOR FRAMING					1						
40.25	WALL LABOR											
	Labor - Walls 2x4 / sf	424.00 sf	0.071 hr/sf	1.14 /sf	16.00 <i>/</i> hr	482		-		-	1.14 /sf	482
	Labor - Fire Blocking	53.00 lf	0.150 hr / lf	2.40 <i>M</i> f	16.00 <i>I</i> hr	127	-	-	-	-	2.40 Af	127
40.30	WALL FRAMING MATERIAL											
1	2x4 Top Plate	106.00 lf	3 <del>.</del>	-2	-	-	0.45 <i>I</i> bf	32	-	-	0.30 Af	32
	2x4 Treated Plate	53.00 lf			1	-	0.63 <i>I</i> bf	22	12	-	0.42 Af	22
	2x4x8'Stud Grade	51.00 ea	<u>194</u>	10	2	2	0.42 <i>I</i> bf	114	1	-	2.24 /ea	114
	2x4 RL #2 SPF	53.00 lf	-	-	-	-	0.43 <i>I</i> bf	15		-	0.29 /lf	15
	ROOF FRAMING											
60.05	ROOF FRAMING LABOR											
	Roof Framing 4/12 - 6/12 Pitch	324.67 sf	0.048 hr/sf	0.77 /sf	16.00 /hr	249		2	12		0.77 /sf	249
60.10	2X ROOF FRAMING MATERIAL											
	2x8 x 16 #2 SPF	12.00 ea	-	- 1	-	-	0.50 /bf	128	-	-	10.67 /ea	128