



CSS RESIDENTIAL CONTRACTOR DATABASE

The Construction Support Services Residential Builder database has over 1600 items of work covering all phases of residential construction arranged in chronological format.

In addition to the chronological format we have utilized WBS Codes to assign all of the items in the database to the 1995 CSI Master Format.

This database is complete labor, material and sub contract 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 with most of the assemblies being in Concrete, Masonry, Wood Framing, Roofing and Drywall.

Database Specifications

Over 1600 Items
 Over 900 Formulas
 Over 80 Assemblies

<u>Phase</u>	<u># of Assemblies</u>
Conceptual	2
Demolition	2
Site Prep	4
Foundation	17
Frame I	12
Frame II	12
Frame III	11
Cornice	2
Roofing	7
Brick/Stucco	7
Drives & Walks	3

Estimating - C:\CSS Databases\9.4.0 CSS Master Databases\Homebuilder

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Homebuilder Sample

Assembly Takeoff: Homebuilder Sample

08.00- FRAME 1

- 08.10-24 First Floor Walls 2x4
 - Pass 1 5/15/2009 3:23 PM
 - New pass

First Floor Walls 2x4

Quantity	1,000	each
Length Wall	220,000	lf
Height Wall	8,000	ft
Bott. Plt. Treated ?	Yes	
Stud Spacing	16,000	in
# Corners or Ends	8,000	ea
# Adhnl. Stds. Reqd.	3,000	ea
# Runs of Blocking	4,000	ea
OSB Corner Bracing ?	Yes	
# Sheets OSB Reqd.	4,000	ea
1x4 Let-In Bracing ?	No	
Sub Furn. Sht. Rock ?	No	
# Layers Rock	ea	
Gyp Sheathing Reqd. ?	No	
Foam Board ?	No	

Pass 2

Phase	Item	Description	Quantity	Unit	Location	Bid Item	Floor	Work Phas	Month
1	08.10 02	2x4 Top Plate	440,000	lf					
2	08.10 04	2x4 Treated Bottom Plate	220,000	lf					
3		2x4 Studs Frame 1							
4	08.10 14	2x4x8 Stud Grade	182,000	ea					
5	08.10 74	2x4 RL #2YP	660,000	lf					
6	11.25 p052	7/16" OSB	128,000	sf					
7	08.10 75	1x4 RL #2YP		lf					
8	23.10 3	Sheetrock Labor		sf					
9	23.20 7	1/2" Sheetrock (Std)		sf					
10	11.25 04	1/2" Gyp Sheathing		sf					
11	11.25 08	1/2" Foil Faced Polyiso. Board		sf					
12	11.25 p052	7/16" OSB	1,760,000	sf					

Quantity: 1,760.00 sf Cost: \$1,316.35 \$0.75 / sf

Notes Attachment OK Cancel Help

Phase/Item Takeoff Order Assembly Location/Phase Spec Sectn/Phase Material class Bid Item/Phase

Enter values and click Add Pass to calculate quantities

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Homebuilder Sample

Assembly Takeoff: Homebuilder Sample

06.00- FOUNDATION

- 06.10-2 Slab w/Builders Materials, Sub Labor
 - Pass 1 5/15/2009 3:26 PM
 - New pass

Slab w/Builders Materials, Sub Labor

Quantity	1,000	each
Ground Floor Area	1,500,000	sf
Garage Area	420,000	sf
Porch Area	120,000	sf
Patio Area	100,000	sf
Cushion Sand Reqd. ?	Yes	
Depth Sand	0.333	ft
Depth Slab	0.333	ft
Length Perim. Beam	150,000	lf
Height Perim. Beam	2,000	ft
Width Perim. Beam	1,000	ft
Length Inter. Beam	210,000	lf
Height Interior Beam	1,500	ft
Width Inter. Beam	1,000	ft
Take-off Rebar ?	Yes	

Pass 2

Phase	Item	Description	Quantity	Unit	Location	Bid Item	Floor	Work Phas	Month
1	06.10 20	Turnkey Slab Labor- Subcontract	2,140,000	sf					
2	06.20 05	Cushion Sand	26,393	cy					
3	06.20 11	3000 PSI Ready Mix	49,171	cy					
4	06.20 40	6 Mil Poly	2,140,000	sf					
5	06.40 10	Termite Control	2,140,000	sf					
6	06.15 10	Pump Concrete	49,171	cy					
7	06.15 15	Prime Conc. Pump	1,000	ea					
8	06.22 08	#3 Rebar	3,150,000	lf					
9	06.22 10	#4 Rebar		lf					
10	06.22 12	#5 Rebar		lf					
11	06.25 02	Sub Post Tension-Turnkey		sf					
12	06.25 04	Post Tension Material		sf					

Quantity: 2,140.00 SF Cost: \$8,827.61 \$4.13 / SF

Notes Attachment OK Cancel Help

Phase/Item Takeoff Order Assembly Location/Phase Spec Sectn/Phase Material class Bid Item/Phase

Enter values and click Add Pass to calculate quantities

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Homebuilder Sample

Phase	Description	Takeoff Quantity	Material Price	Material Amount	Sub Price	Sub Amount	Total Cost/Unit	Total Amount
	FOUNDATION							
06.10	CONCRETE SUBCONTRACT							
	Turnkey Slab Labor- Subcontract	2,140.00 sf	-	-	1.44 /sf	3,090	1.44 /sf	3,090
06.15	CONCRETE PUMPING							
	Pump Concrete	49.17 cy	-	-	8.00 /cy	393	8.00 /cy	393
	Prime Conc. Pump	1.00 ea	80.00 /ea	80	-	-	80.00 /ea	80
06.20	FOUNDATION MATERIALS							
	Cushion Sand	26.39 cy	10.00 /cy	396	-	-	15.00 /cy	396
	3000 PSI Ready Mix	49.17 cy	78.00 /cy	3,835	-	-	78.00 /cy	3,835
	6 Mil Poly	2,140.00 sf	0.02 /sf	59	-	-	0.03 /sf	59
06.22	REINFORCING STEEL							
	#3 Rebar	3,150.00 lf	600.00 /lf	355	-	-	0.11 /lf	355
06.40	TERMITE PROTECTION							
	Termite Control	2,140.00 sf	-	-	0.29 /sf	618	0.29 /sf	618
	FRAME I							
08.10	FIRST FLOOR WALLS							
	2x4 Top Plate	440.00 lf	0.45 /lf	132	-	-	0.30 /lf	132
	2x4 Treated Bottom Plate	220.00 lf	0.65 /lf	95	-	-	0.43 /lf	95
	2x4x8 Stud Grade	182.00 ea	0.45 /lf	436	-	-	2.40 /ea	436
	2x4 RL #2YP	660.00 lf	0.45 /lf	198	-	-	0.30 /lf	198
08.50	FRAME I HARDWARE							
	Anchor Bolts	73.33 ea	1.16 /ea	85	-	-	1.16 /ea	85
	CORNICE							
11.25	EXTERIOR SHEATHING							
	7/16" OSB	128.00 sf	6.00 /sf	24	-	-	0.19 /sf	24
	7/16" OSB	1,760.00 sf	6.00 /sf	330	-	-	0.19 /sf	330
11.45	FLASHING & HOUSE WRAP							
	6 Mil x 12" Poly Flashing	200.00 lf	0.08 /lf	16	-	-	0.08 /lf	16

Phase/Item Takeoff Order Assembly Location/Phase Spec Sectn/Phase Material class Bid Item/Phase

For Help, press F1 Grand Total: 10,144 5/15/2009

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