



CSS RESIDENTIAL CONCRETE DATABASE

The Construction Support Services Commercial Concrete database has over 1200 items of work for General Conditions, site concrete and building concrete. This database can be used for either single family or multi-family concrete construction.

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

The databases include assemblies with extensive assembly help with sample details and photos for every Assembly.

Database Specifications

- Over 1,200 Items
- Over 600 Formulas
- Over 30 Assemblies

<u>Description</u>	<u># of Assemblies</u>
Slab on Grade	1
Formed Grade Beams	1
Curbs	1
Walls	3
Tilt Wall Panels	3
Stairs & Steps	2
Drilled Piers	1
Pier Caps	1
Footings	2
Pedestals	2
Slab on Deck	5
Columns	3
Reinforcing	2
Pits	1
Drives, Approaches	4
Walks & Pads	<u>4</u>
Total	38

Example of database assemblies:

Assembly: 1.040
 Description: SOG w/BEAMS
 Assembly unit: SF
 Assembly calculation: SLAB AREA

Phase	Item	Description	Unit	Calculation
		SLAB ON GRADE		* 1
		EXTERIOR BEAMS		/ LENGTH EXTERIOR BEAM
		INTERIOR BEAMS		/ LENGTH INTERIOR BEAM
		SHVL. BEAMS		/ LGTH. OF SHVL. BEAM
11.000	01	PRE TRENCH	SF	* 1
11.000	02	SET	SF	* 1
11.000	03	BACKOUT	SF	* 1
11.000	04	GRADE	SF	* 1
11.000	05	POUR	SF	* 1
11.000	06	MISC.	SF	* 1
10.000	48	2x10 x 16' FORM LUMBER	EA	F CALC EDGE FORM
10.000	42	2x4 x 16' FORM LUMBER	EA	F CALC DROP FORM
10.000	44	2x6 x 16' FORM LUMBER	EA	F CALC BRK LDG
10.000	60	FORM STAKES	EA	F COUNT FRM STAKES
7.000	10	SAND FILL	CY	I CY SAND FILL
7.000	15	GRAVEL FILL	CY	I CY GRAVEL FILL
13.000	05	CONCRETE PUMP MIN. CH	LS	F PUMP MIN CHR
		POLY		* 1
2.000	DB01	DEEP BEAM CONC.	CY	I VOL DEEP BEAM
11.000	07	DEEP BEAM LABOR	SF	I AREA DEEP BEAM
11.000	08	DROP BRICK LEDGE LABO	SF	I AREA DROP BK LDG
10.000	18	5-1/2" FOAM INSULATION	SF	I AREA DROP BK LDG
30.100	24	2x10 x 16' LUMBER	EA	F CALC EDGE FORM
30.100	26	2x4 x 16' LUMBER	EA	F CALC DROP FORM
30.100	28	2x6 x 16' LUMBER	EA	F CALC BRK LDG
30.100	36	30" STAKES	EA	F COUNT FRM STAKES
		POLY PICKLIST		* 1
30.100	32	5-1/2" FOAMBORD	SF	F AREA DROP BK LDG

Test Assembly

SOG w/BEAMS	Quantity	1.000	each
SLAB AREA			SF
EXTERIOR BEAM WIDTH			IN
EXTERIOR BEAM DEPTH			IN
LENGTH EXTERIOR BEAM			LF
INTERIOR BEAM WIDTH			IN
INTERIOR BEAM DEPTH			IN
LENGTH INTERIOR BEAM			LF
LGTH. OF SHVL. BEAM			LF
INCLUDE FORM MATL?		No	
SAND @ SLAB?		No	
GRAVEL @ SLAB?		No	
PUMP CONCRETE?		No	
POLY TYPE		1.000	
DEEP BEAMS REQD.?		No	
DROP BRICK LEDGE?		No	

Assembly: 4.598
 Description: CIP WALLS
 Assembly unit: SF
 Assembly calculation: AREA OF WALL

Phase	Item	Description	Unit	Calculation
4.500	04wc	WALL CONCRETE	CY	I VOL WALL
4.500	04pc	WALL PILASTER CONCRET	CY	I WALL PILASTER CONC
4.500	03fm	WALL PILASTER FORMS E	EA	I WALL PILASTER FORMS
4.500	wh01	WALL HAUNCH	LF	I LENGTH WALL HAUNCH
4.500	wh02	WALL HAUNCH FORM LAB	LF	I LENGTH WALL HAUNCH
4.500	00fm	WALL FORMS	SF	I FORM WALLS
4.500	01fm	BRICK LEDGE FORMS LF	LF	I FORM BRK LDG WALL
4.500	02fm	BRICK LEDGE FORMS SF	LF	I FORM BRK LDG SF WALL
8.000	52	REINFORCING IN LBS. @ W	LBS	I LBS REBAR @ WALL
8.000	59	REINFORCING IN LBS. @ PI	LBS	I LBS REBAR @ PILASTER
10.000	23	CARTONS SF	SF	F AREA CARTONS WALL
10.000	27	CARTON RETAINERS	LF	I LENGTH RETAINERS
11.000	24	WALL LABOR	SF	I AREA OF WALL

Test Assembly

CIP WALLS	Quantity	1.000	each
LENGTH OF WALL			LF
HEIGHT OF WALL			LF
WIDTH OF WALL			LF
PILASTERS REQD.?		No	
WALL HAUNCH RQD.?		No	
FORM WALL SIDES?		No	
BRICK LEDGE RQD.?		No	
REBAR @ WALL?		No	
CARTONS REQD.?		No	
RETAINERS REQD.?		No	

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