

# Sage Construction and Real Estate Solutions

## Advanced Assembly Concrete/Masonry Database For use with Estimating Standard and Extended

When it comes to running your business, you're only as effective as the information you have to make decisions. That's why it's so important for your estimating database to work the way you do, not the other way around. Even if you're running the best, most sophisticated and powerful Estimating solution available, if it's not backed by an equally powerful and flexible database, positioning your business for success is certain to be a great challenge.

So, how do you know which database is the right one to meet your specific needs? No single database in the world can meet the needs of every business right out-of-the-box. And, much like everyone has their own unique style for estimating, the selection of your database depends greatly upon how you will need to rely on it now, and in the future.

◀ *Unlike a standard, one-size-fits-all database, the Advanced Assembly Concrete/Masonry Databases provides you with a wealth of benefits designed to increase the productivity of your business.*

Phase	Item	Description	Quantity	Unit	Location	Building
1	9000.001 538	MASONRY MATL		INFO		
2		CMU @ walls				
3	0422.001 75	CMU 8x8x16 T603	9,803.000	sf		
4		CMU Lintel Block				
5	0422.001 60	CMU 8x4x16 T350	2,100.000	sf		
6	0422.001 65	CMU 8x6x16 T130		sf		
7	0422.001 137	CMU 8x8x16 (A CMU)		sf		
8	0422.001 133	CMU 8x8x16 (G CMU)		sf		
9	0422.001 138	CMU 8x8x16 (T035)		sf		
10	0422.001 145	CMU 8x8x16 (T194 45 angle)		sf		
11	0422.001 149	CMU 8x8x16 (T190 45 angle)		sf		
12		Mortar CMU				
13	0405.130 100	Mortar Mix, Type "N"	10,957.000	sf		
14	0405.130 108	Masonry Sand for CMU (gray)	10,957.000	sf		
15		Masonry Wall Reinforcing				
16	0405.190 150	Joint Reinf. 8" Truss	8,629.000	#		
17		CMU 8x8x8 @ walls				
18	9000.001 842	REIN VERTICAL CELLS		INFO		
19		RVC Cell Fill				
20	0405.160 425	Conc. 3500 psi Grout mix	20,980	cy		
21		Rebar: RVC				
22	0321.004 1070	Rebar #4	3,154.000	#		
23		Rebar: CMU retain				
24		Cavity Wall Insulatin				
25		Pure Conc @ CMU				

Quantity: 9,803.00 sqft      Cost: \$121,032.48      \$12.35 / sqft  
Click OK to generate the assembly to the estimate

Containing more than thirty comprehensive assemblies, the above example is one of several types of masonry walls included. Beginning with five widths in six types of CMU, joint reinforcement, four types of mortar mix, cell reinforcement and grouting, tie-beam (CMU or formed and poured) with any size and configuration of rebar, and pre-cast lintels for up to nine different sized openings in one pass.

Sage Construction and Real Estate (CRE) is now offering a new Advanced Assembly Concrete/Masonry Database for use with Estimating Standard and Estimating Extended. Designed to meet a wide range of contractor's unique needs, this powerful new database will support a variety of distinct requirements that truly works the way your business does.

The Advanced Assembly Concrete/Masonry database provides you with a wealth of benefits, including:

- Easy Implementation. It's intuitive, and requires minimal review and editing, so you're up and running more quickly.
- Comprehensive assemblies with detailed cost items.
- Contains current manufacturers pricing.
- Most assemblies support both "man-hour" and "unit pricing", it's up to you.
- Estimates both self-performed and subcontract work.
- Provides multiple methods of labor and material takeoff.
- Produces detailed takeoff quantities and a Bill of Materials for soliciting vendor quotes and ordering materials.
- Helps prepare and streamline processes such as: bid solicitation, buyout, project scheduling and AIA billing.

And, although an optional view, CSI MasterFormat™ 2004, estimates can also be sorted by MasterFormat™ '95, Trade, Construction Schedule or Activities, Schedule of Value, Location, and much more.\*

\*Requires Estimating Extended

## **Advanced Assembly Concrete/Masonry Database Assembly List**

### **General Requirements**

Mobilization: (one-time, startup costs)

Equipment: General

### **Demolition & Remodel**

Repair Masonry Opening

### **Site Work**

Paving  
Sidewalks  
Handicap Ramp  
Retaining Wall  
Block Site Wall

### **Slab & Foundation Systems**

Continuous or Strip Footings  
Pad Footing with Piers  
Pile Cap Footing with Piles  
Grade Beam with Piles  
Flat & Monolithic Slab On-Grade

### **Wall Systems**

Block Stem Wall  
Block Exterior Wall  
Block Interior Wall  
Concrete Cast-in-Place Wall  
Concrete Tilt-Wall

### **Columns & Chases**

Column - Cast-in-Place Round Concrete  
Column - Cast-in-Place Square Concrete

### **Stairs & Railing**

Stairs - Metal Pan Filled  
Stairs - Cast-in-Place Concrete  
Stairs - Pre-cast Concrete

### **Shell Buildings**

Cast-in-Place Concrete Shell