



BSD

LinkLine

Building Systems Design, Inc.

A Newsletter for BSD SoftLink® Customers and Friends

SUMMER 2005

HYPERLINKING BETWEEN BSD SPEC LINK® AND MS WORD

You already know that you can create a project note for any paragraph in SpecLink, a feature that is especially useful in office master projects. But what if you want to attach a multi-page document or one that has embedded illustrations? Did you know that SpecLink lets you create hyperlinks to separate Word documents?

To create these hyperlinks, the first thing you need to do is to establish the root directory path for all Word documents that will be hyperlinked to SpecLink. Typically, this path would be a folder on the network drive where SpecLink is installed. If several

See "Hyperlinking" on page 3

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SPECLINK MAKES LEED SPECS EASIER

Producing specifications to address LEED™-NC Certification just got a lot easier with SpecLink's two new sections that *automatically* activate LEED provisions in other sections:

- 01 3514 (01354) - LEED CREDIT SUMMARY — for documenting decisions as to how to address each LEED credit.
- 01 3515 (01355) - LEED REQUIREMENTS — for the Contractor's information.

The LEED CREDIT SUMMARY is used to document the project team's intentions in regard to LEED-NC certification and particular credits. For each credit, a status of "Required," "Preferred," or "Not Required" may be set, as a record of intentions. Following the statement of each credit is a brief description of pre-defined possible solutions, taken from the LEED Rating System itself, each linked to the specification sections which address the credit. When one of the pre-defined solutions is selected, the appropriate specification section is highlighted in the Project Tree and the LEED-related provisions in that section are activated by links. For instance, if your project team has committed to using only "certified" wood, you can select any or all of the Division 6 carpentry sections as solutions to MR Credit 7. When you do, the requirement for certified wood (which SpecLink refers to as "sustainably harvested wood") is activated in each selected section along with its LEED Report submittal option. In addition, the basic specification provisions and submittal requirements for sustainably harvested wood are activated In Section 01600 Product Requirements. Similar provisions are activated for each pre-defined solution that involves the specifications.

For further coordination, the specification sections that have been activated are also listed in Section 01 3515 (01355) - LEED REQUIREMENTS. This section is a revision of former section 01115 - Green Building Requirements, which has been withdrawn. The intention of the new section is the same — to inform the Contractor about LEED Certification and draw his attention to specific sections of the Project Manual that address LEED credits. The LEED-related specification sections are listed in Masterformat 2004 section number order — as opposed to LEED credit order in the LEED Credit Summary section. When the Credit Summary section is prepared first, it will activate all the relevant sections in the LEED Requirements section.

Although the Credit Summary is explicitly intended for making a summary document early in the project, the LEED Requirements section can also be used to "build" the Summary document, by means of links from the section number ordered list back to the credit number ordered list. This will be especially useful where the same specification section addresses issues that arise under different credits — all the credits relevant to a particular section are grouped under the section listing. Reviewing the list of relevant sections in both section number order and credit order will give the most complete picture.

These SpecLink specification sections are based on the LEED-NC Version 2.1, Green Building Rating System, by the U.S. Green Building Council. Intelligent use of these sections requires familiarity with the Rating System document which can be obtained free of charge at www.usgbc.org. The LEED Reference Guide would also be of considerable assistance to designers and specifiers.

COSTLINK/AE MAKES ESTIMATING EASY

A CostLink/AE subscription includes one of the largest collections of building construction cost data found anywhere and is updated annually by R.S. Means, the leading authority on this type of data. There are nearly 22,000 line items of cost data in the cost details database, providing costs on everything from access doors to zinc flashing. There are over 11,000 pre-constructed assemblies of line items ranging from acoustical ceilings to wet pipe sprinkler systems. And there are 73 building cost models that give you a head start on concept and detail estimates alike for everything from apartment buildings to warehouses.

Line item detail is organized by CSI division and subdivision while assemblies are organized by Unifomat II systems and subsystems. It's all searchable from one end to the other using a few letters, a whole word, or a phrase to search for the start or any part of the description or R.S. Means tag. Building types are categorized as commercial, industrial or institutional and each includes six distinct options for structural system and exterior closure system combinations.

Using a building type model is an excellent way to get a conceptual cost and get started on a detailed estimate. All you need to do is select the building type, the structure and closure option, enter the estimated gross SF of construction along with an estimated length of building perimeter and click apply. You can even start with the default set of values that is provided with each building type. This will generate, for example, a cost estimate for a 3 story office building that includes 57 assemblies comprising some 280+ line items. And you can add to this, or delete from it at will, using drag and drop. You can choose from R.S. Means cost adjustment factors for some 700 U.S. and Canadian cities and add your own markups or use the defaults.

CostLink/AE is easy to use and the data is unparalleled. It takes less than 5 minutes to

See "CostLink" on page 3

SVIGALS + PARTNERS BRINGS SPECIFICATION WRITING IN-HOUSE WITH BSD SPEC LINK

Based in New Haven, Connecticut and licensed in New York, Massachusetts, New Jersey, and Maryland, Svigals + Partners has served over 200 clients throughout New England.



With a staff of 25, Svigals + Partners provides personalized service and attention to every project.

The Need: Svigals' personalized attention to each project is a key component to their success. However, when they looked at their specification writing process, they saw that it consisted of master text provided by a local specifica-

tion consultant, combined with basic word processing. They decided they needed to bring this entire process in-house, so that they would have better control and coordination of their documents. Using BSD's SpecLink would allow them to give the same level of attention to the specification process that they give to creating the design.

The Solution: Robert Skolozdra, Associate with Svigals, says, "We no longer hire consultants to write our specs. We also spend less time during construction reviewing shop drawings trying to figure out what the spec consultant was looking for. We can easily copy and modify similar project types." By creating a SpecLink Office Master, Svigals has been able to bring all their spec writing in-house and completely automate and simplify their process, while saving significant outsourcing costs per project.

They also found that with their "old" system, they were not updating their reference standards or manufacturers information. Once they deleted text, it was gone – instead of being preserved in a master file. "With SpecLink you always have the master data at your fingertips. You are always working with updated standards," says Skolozdra. This has significantly increased their productivity in all areas. He continues, "SpecLink formats, links, and generates the table of contents so we can focus on building the technical sections."

Asked what he liked best about SpecLink, Skolozdra states, "Office and client master data can be added so that the document is seamless. Plus, SpecLink is very compatible with other word processing software. You can cut and paste, import and export as needed. Then SpecLink formats everything, including line space, line numbering, and paragraph formats automatically. It also generates page numbering and table of contents automatically. This creates a professional looking document every time you print it."

The Outcome: It took the associates at Svigals just a few days to understand the basics and begin using SpecLink. Skolozdra says that the assistance provided by BSD's technical support department has been great. They have now used SpecLink on over 50 projects. Because of the way SpecLink's database is set up, they are able to keep lists of both name-specific and non-proprietary items in their data file. This data handling ability is just one of the unique SpecLink features Svigals uses every day to create better specifications. ■

NEW LEED TAG AND REPORT

To facilitate LEED documentation, a new tag for LEED submittals has been added. Pull down the tag list and select LR - LEED Report to tag any paragraph. It is not possible to put 2 tags on a paragraph, so if you need a provision on the LEED report as well as on a normal submittals report, make a new paragraph to tag for the LEED report. All sections with LR-tagged paragraphs will appear on the report printed from the File Menu Print dialog.

About Your SpecLink & PerSpective Updates

SPEC LINK+ STATISTICS:

- 657 sections total, 173 updated or new (26%)
- 4 new non-proprietary sections, 2 with checklists
- 506 non-proprietary sections, 142 updated or new (28%)
- 151 proprietary sections, 31 updated (20%)
- 22 sections with built-in checklists
- 105,459 paragraphs
- 113,014 internal links (targets and consequences)
- 17,824 notes to specifier
- 3,310 notes with live hyperlinks to Internet web pages
- 2,109 external documents referenced, 16% verified as unchanged or reapproved

- 17 documents never before referenced
- 34 obsolete documents replaced or removed
- 184 standards organizations referenced
- 2 new standards organizations
- 2,284 manufacturer listings, with live hyperlinks to their web sites
- 905 unique manufacturers listed in 355 non-proprietary sections
- 7 manufacturers out of business or sold

SHORT FORM SPECS STATISTICS:

- 16 sections corresponding to MasterFormat 1995 divisions
- 8,300 paragraphs
- 817 notes to specifier
- 8,772 internal links (targets and consequences)

- 365 external documents referenced, 4% verified as unchanged
- 1 obsolete document replaced
- 44 standards organizations referenced

PER SPECTIVE PERFORMANCE SPECS STATISTICS:

- 161 sections, 6 updated (4%)
- 17,371 paragraphs
- 21,681 internal links (targets and consequences)
- 3,291 notes to specifier
- 186 external documents referenced, 22% verified as unchanged or reapproved
- 1 document never before referenced
- 2 obsolete documents replaced
- 38 standards organizations referenced

“CostLink” continued from page 2

go through the modeling process and it provides a substantial foundation for building a more detailed cost estimate. The subscription costs less than you may think and discounts are available. Call us today for a web-based demonstration or visit our website at www.bsdssoftlink.com for more information. ■

“Hyperlinking” continued from page 1

people will be using your master project file, the root directory path must be one that all users can follow; otherwise they will not be able to open the linked documents. To establish the root directory path for Word documents that will be linked to your office master project, follow these steps:

1. Using Windows Explorer, create the folder where all hyperlinked documents will be stored. For simplicity, we suggest you establish a subfolder under your SpecLink folder.
2. In SpecLink, close all projects, then from the File menu, click on Permissions. When the dialog box opens, click on the System Settings tab.
3. The last setting on the System Settings tab is Root Directory Path for Linked Documents. Click on the browse icon for that setting and find the folder you created in Step 1. Click OK, and the root directory path should appear in the setting.
4. Click on Apply and OK.
5. Using Windows Explorer or Word, place each document that will be linked to the master project file in the folder you created under Step 1 before you create a hyperlink to that document.

After you have established the Root Directory, use the following steps to create a hyperlink that will automatically open a Word document from SpecLink:

1. Be sure the Word document you want to link to has been placed in your linked documents folder.
2. In your project, open to the appropriate section and scroll to the paragraph where you want the hyperlink.
3. If the Document Link (DL) status column is not visible, on the View menu, click on Display Layout and then on Document Links. The DL column opens.
4. Open Windows Explorer and find the document to which you want a link. Click on the document and hold the left mouse button down, then drag the icon from Explorer and drop it in the DL column at your source paragraph. The link is created and a Word icon appears.

If you point to an icon without clicking, a balloon will appear with the file name of the linked document. Subsequently, all you have to do to activate the hyperlink is to click once on the Word icon in the DL column. If Word is closed, clicking once on the icon opens Word and then opens the hyperlinked document. There are a couple of additional things you need to know about this feature: 1) each user who will need access to the linked documents must establish the root directory path in the Permissions dialog box; 2) to remove a hyperlink, locate the paragraph that has the hyperlink you want to remove and click anywhere within the paragraph. From the Document menu, choose Remove Document Hyperlink.

Embedding context-sensitive hyperlinks to Word documents can make your office master project a much more powerful tool, extending your corporate memory to all SpecLink users in your firm. If you were unfamiliar with this built-in hyperlinking capability, we suggest you try it out to see how easy it is to implement. ■

NEW SPEC LINK SECTIONS

01 3514 (01354) BSD - LEED CREDIT SUMMARY:

See article on page 1.

01 3515 (01355) BSD - LEED REQUIREMENTS:

See article on page 1.

05 7500 BSD DECORATIVE FORMED METAL - (05730 BSD - ORNAMENTAL FORMED METAL):

This section can be used to specify a variety of custom interior fabrications, such as column covers, wall cladding, HVAC housings, etc. Metal composite material, made of two skins with a solid core, is preferred by architects over plain sheet metal because it is super-flat. In this section, the term “metal composite material (MCM) sheet” is used for the flat sheet, in preference to ACM (aluminum composite material) because metals other than aluminum are increasingly being used. The term “panel” is reserved for the formed panel made of MCM. The sheet manufacturers listed are Alcoa (Reynobond), Alcan (Alucobond) and Mitsubishi (Alpolic). Other types of decorative formed metal fabrications can be added to this section by editing.

07 4264 (07431) BSD - METAL COMPOSITE MATERIAL WALL PANELS:

Metal composite material, made of two skins with a solid core, is preferred by architects over plain sheet metal because it is super-flat. In this section, the term “metal composite material (MCM) sheet” is used for the flat sheet, in preference to ACM (aluminum composite material) because metals other than aluminum are increasingly being used. The term “panel” is reserved for the formed panel made of MCM. The fabricators who make panels and wall systems out of MCM are referred to as “wall system manufacturers,” primarily because to achieve the specified performance criteria standard, tested systems must be used — even though they are custom-built, they are pre-engineered and tested. This section can be used to specify high-performance curtain wall, rainscreen curtain wall, and cladding applied to a solid substrate. An optional checklist helps determine which performance criteria and tests are appropriate. MCM sheet manufacturers listed are Alcoa (Reyno-bond), Alcan (Alucobond) and Mitsubishi (Alpolic). Fabricator names are not listed, as they tend to be local and regional.

32 1413 BSD - PRECAST CONCRETE UNIT PAVING (02783 BSD - CONCRETE PAVERS) [REVISED]:

Open grid concrete pavers have been added to this section. These are typically high strength, designed for intermittent vehicular traffic with grass or other vegetation growing in the openings. Verify net open area required for LEED SS Credit 7.1 (heat island effect, non-roof), as that credit calls for minimum 50 percent open, which may not be available from some manufacturers. Other LEED credits would be based on calculations based on actual net open area. Installation on sand bed is typical. Manufacturers listed are Belgard Turfstone and Interlock Paving Systems Turfstone.

GETTING STARTED WITH LEED AND SPECS

SpecLink Section 01 3514 (01354) - LEED CREDIT SUMMARY includes a feature specifically designed for specifiers new to LEED — an OPTIONAL CHECKLIST that organizes the credits in groups based on their importance and ease of achievement, not simply similar issues as the Rating System does. For instance, there are 7 PREREQUISITES, without which LEED Certification is impossible. If you check off the Prerequisites group and scroll down through the Credit list, the Prerequisites are highlighted for easy identification. Pre-defined solutions taken directly from the Rating System document are shown for each Prerequisite — 3 of the 7 are completely addressable via the specifications, 2 must be addressed by the design, and 2 are partly addressable by the specifications. Figure 1 shows an example of a Prerequisite and its pre-defined solutions.

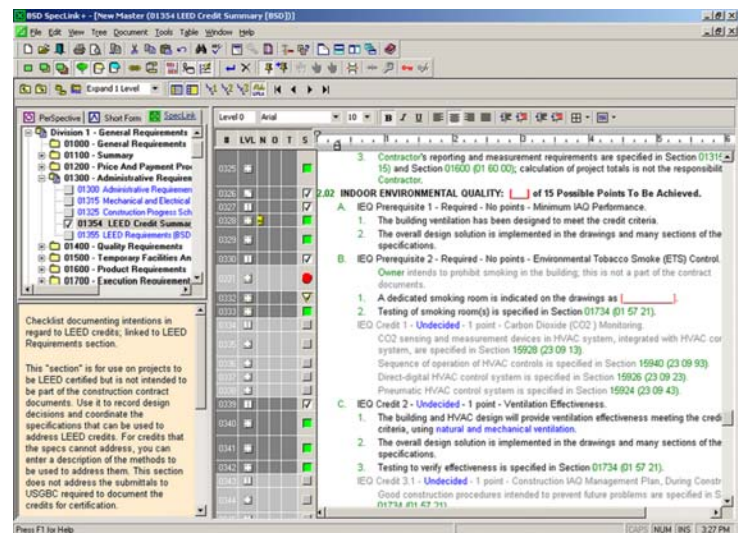


Figure 1

Following the Prerequisites are 69 credits, of which at least 26 must be addressed to achieve minimum Certification. To simplify the process of deciding which to pursue, 8 groups are presented. Figure 2, on the next page, is a partial view of the checklist groups.

- Site Location Options — these are easy to rule out or in, since whether they are achievable or not depends on the actual project site.
- Construction Procedures — these are easy to specify since they are made entirely the Contractor’s responsibility (this is not to say that they won’t cost more, just that they are easy to specify). These include construction waste management and IAQ procedures.

Continued on next page

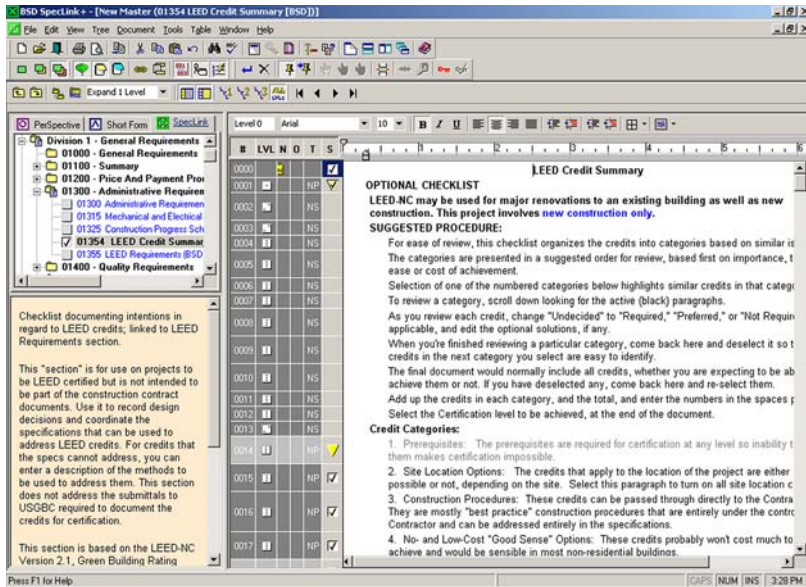


Figure 2

- No- and Low-Cost “Good Sense” Options — these credits probably won’t cost much to achieve and would be sensible in most non-residential buildings. They include site design, water efficient landscaping, light colored roof and paving, light pollution prevention, low-emitting materials such as carpet, paint, and adhesives, prohibiting formaldehyde containing wood materials, etc. Some are addressable via the specifications, some are not.

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- Architectural Design Options — these credits require a specific architectural design, which may be different than normally anticipated. Examples are provision of daylighting and views, isolation of indoor chemical and copy rooms, etc.
- Plumbing Design — water-saving options, several of which involve the use of rainwater and/or graywater systems. This checklist option allows you to choose rainwater, graywater, or none as a project-wide solution. The designs are not directly addressable via the specifications, although something must be specified to achieve them.

- HVAC Design — enhanced HVAC design and/or extra systems that are not commonly encountered. Most of these are not directly addressable via the specifications, although something must be specified to achieve them. Most involve increased energy efficiency or alternative energy sources.
- Electrical Design — enhanced lighting design and/or systems that are not commonly encountered, such as more individual controls than usual.
- “Green” Products Issues — recycled content, rapidly renewable content, locally-manufactured products, re-used products, and “certified” wood. These are grouped together because achieving the credit requires documentation of the percentage of all materials on the project that is in each category, by cost. The documentation requirements are specified in Sections 01 3515 (01355) LEED REQUIREMENTS and 01 6000 (01600) PRODUCT REQUIREMENTS. This group of credits is last in this list because the record keeping during the construction phase is likely to be a significant cost of each credit, independent of any material cost increase. Except for certified wood, it is very unlikely that the Contractor can assume responsibility for achieving any of these credits. The specifier will need to determine which products can meet the criteria, specify them, and then require the Contractor to submit the documentation required. Specifying the documentation is pretty easy, using SpecLink — specifying the products is the hard part. Another reason this group is last is that even though “green” materials has a high profile as a general “green” issue, the LEED Rating System assigns only 8 credits to the 5 issues. Since Platinum Certification requires only 52 of 69 credits, Platinum Certification is achievable without addressing any of these credits at all! Considering the difficulty of specifying and documenting, these credits should be the last to be considered, unless there are other reasons to do so.

SPECIFYING “GREEN” WITHOUT LEED

SpecLink’s “green” provisions are not exclusively for LEED Certification. In fact, all “green” provisions are stated without LEED language to make them useful for any project whether or not LEED Certification is needed. In most cases, the green provisions are simply additional specifier options that may or may not apply to the project. The green provisions are also more “universal” because they are not collected into a single “LEED” section — the relevant provisions are located in each applicable specification section, where they can address the issue independently of LEED. For example, Section 01 5721 - Indoor Air Quality Controls (01734 - Indoor Air Quality), includes provisions to achieve LEED EA Prerequisite 2 (testing dedicated smoking rooms), EA Credit 2

See “Specifying ‘Green’ ” on page 7



ALL PRODUCTS

Q Does your website have any place to search for information about use of your products or learn more about an error code, for example?

A We are working on a knowledge base for our users. To view the initial setup and to offer suggestions, go to www.bsdssoftlink.com/support_qa.

Q Our company has a Citrix server that people run software from when they are traveling. Can we run BSD software this way?

A Yes. On the Citrix server perform a Standalone installation of SpecLink, CostLink/AE, or CostLink/CM. You will need to get an Access Key for the server - call BSD Technical Support (800-266-7732) to discuss your options and to see if you will need to buy a key for the server, or if you have a license that you can move to the server at no cost. Once the software is installed and has a key, employees at your company will be able to run BSD software from the Citrix server when they are traveling in the same way as they run other applications. No installation will be required on the computers from which the users are dialing in.

SPECLINK+ AND PERSPECTIVE

Q Is there any way to include a degree symbol or other special characters in my specification?

A You can copy and paste symbols from Windows Character Map. The Character Map can usually be opened by choosing Start | Programs | Accessories | System Tools | Character Map, but is located in different places in different versions of Windows. If you cannot locate the character map, open Windows Explorer and search the

Help topics or do a search for charmap.exe. Once you open the Character Map, choose the font you are using in SpecLink from the Font list, and scroll through all the characters until you find the one you need. Click on Select and then Copy to copy it to the Windows clipboard. From there you can paste it into SpecLink.

Q Is there any way to reference Word documents that are on our file server from within our office master, so that all of our spec writers can access them while they are in the software?

A The easiest way is to store all of these Word documents on a server to which all users have access. You will need to establish the Root Directory path in the Permissions, Systems Settings dialog box. Use the following steps to create a hyperlink that will automatically open a Word document: Be sure the Word document you want to link to is in your linked documents folder. In your project, open to the appropriate section and scroll to the paragraph where you want the hyperlink. If the Document Link (DL) status column is not visible, on the View menu, click on Display Layout and then on Document Links. The DL column opens. Open Windows Explorer and find the document to which you want a link. Click on the document and hold the left mouse button down, then drag the icon from Explorer and drop it in the DL column at your source paragraph. The link is created and a Word icon appears. If you point to an icon without clicking, a balloon will appear with the file name of the linked document. Subsequently, all you have to do to activate the hyperlink is to click once on the Word icon. If Word is closed, clicking once on the icon opens Word and then opens the linked document.

Q How do I create links from my Short Form specs to SpecLink sections?

A Creating links between sections is the exact same process as adding links between paragraphs. The only difference is that you need to have two windows open, one for each section. With one section open, click on Window | New Window. In the new window, click in the

second section you want to work with (it can be in the same tab or in a different tab). It may be easier to close the Project Tree panel in both windows, so that you can see as much of the Document Panel as possible. To see both windows at the same time, click on Tile Vertically or Tile Horizontally under the Window menu. Remember, when two sections are open, one is always the "current" window; the title bar is a different color. You can switch back and forth between them and as long as you don't click in any text cell the cursor positions stay the same in each. Create links as normal when adding links between paragraphs. You may want to click on the Lock checkbox in the Links dialog box when dragging links from one section to another. You may also want to temporarily turn off In-Memory Linking on the Tools menu so that the links between sections will be implemented as soon as you create them. See the question for instructions on creating links.

Q I printed my manufacturing listing report but it doesn't include the manufacturers I have added. Can I get them on this report?

A Paragraphs have to be tagged to appear on the various reports. You can add Tags to any paragraph. If the Tag (T) status column is not visible, on the View menu, click on Display Layout and then on Tags. Click in the paragraph that needs the tag, and from the Tags dropdown list on the formatting toolbar above the Document Panel, choose the appropriate tag (ML for Manufacturing Listing). When the paragraph with the tag is active and you print the report for the tag, the section will be listed in the report. For a list of Tags and their functions, search Help for Tags.

Q Is there away to add our own custom tags to master tags list? I'd like to be able to print reports indicating sections with LEED's submittal requirements for a concise list of project LEEDs elements.

A We don't yet have a way to add your own tags, but the Summer 2005 release includes a new tag (LR) and LEED report. See box on page 2.

Continued on next page

Q How do I create links between paragraphs?

A To make a link from one paragraph to another:

- In the Document Panel, position the cursor on the paragraph that is to be the link source. Open the Links Window by clicking on the Links icon on the Toolbar, or choose View > Links.
- Click on the Target Links tab.
- Scroll the Document panel to show the paragraph that is to be the link target. NOTE: Do NOT move the cursor off the link source. Use the scroll bar and don't click in any other text cell. The target can be anywhere in the project, including a different section (see above).
- When the target paragraph is visible, using the mouse, position the cursor over the status columns to the left of the text, hold down the right mouse button, and start to drag with the mouse. The cursor arrow changes to a circle and bar symbol. Continuing to hold the right mouse button down, drag the cursor to any position within the upper window in the Target Links tab of the Links Window, and release the mouse button. (Note: If you are not able to create a link, be sure that you are dropping it into the Target Links tab. You may also need to drag more slowly when dragging the link.)
- To change the type of link, double-click on the green arrow. It toggles to red. Another double-click toggles it to yellow.
- The link is built automatically and appears in the Target Links listing. NOTE: User-added links appear with underlining, to differentiate them from master links.
- If the parent of the target paragraph is active, the new link will be activated immediately and will appear in bold font in the Links Window.

COSTLINK/CM

Q I am changing the labor rates in the resource view of my estimate, and it is going very slowly. Is there anything I can do to speed this up?

A The first thing to check is to go to a Primary view, and in the Tools menu check to see if there is a checkmark next to

the option 'Auto-Recalculate Markups.' If there is a checkmark, click on the option to turn it off. When this option is turned on, CostLink/CM completely recalculates a new grand total for your estimate every time you make an edit. Another way to speed up the process is to create a new Labor Library and edit the labor rates there instead of in your estimate. When the library is finished, reprice the estimate to the new rates in the library.

Q I have copied a number of tasks from my CostBook into my Project and now I want to change the material costs. How do I do that?

A To change the costs in a task, you need to go to the appropriate resource view for that cost. To change the material cost, go to the Unassigned folder in the CSI Resource View, and open the Item Form for the task you want to change. You can change the material cost here, as well as the Production Rate for this task. This is also where you can change the crew assigned to this task. Go to the Labor Resource View to change the hourly rate for a particular laborer. ■

More questions?

Contact BSD Technical Support:

Toll Free: 800-266-7732

In Atlanta: 404-365-9226

Email: support@bsdsoftlink.com

"Specifying 'Green' " continued from page 5

(verification of ventilation effectiveness), and EA Credits 3.1 and 3.2 (construction air quality precautions and procedures), without mentioning LEED at all! Any or all of those procedures would be just as relevant on projects not requiring LEED certification.

An easy way to identify sections that address "green" issues is to review Section 01 3515 (01355) LEED REQUIREMENTS. Although its list of specification sections is intended for the Contractor's information, it also serves as a checklist for the specifier. Here's a list of SpecLink sections that address major environmental responsibility issues independently of LEED:

01 5713 (01575) - Temporary Erosion and Sedimentation Control (prevention, remediation)

01 5721 (01734) - Indoor Air Quality Controls (during construction and prior to occupancy)

01 6000 (01600) - Product Requirements (project-wide material requirements and prohibitions)

01 7000 (01700) - Execution and Closeout Requirements (site drainage, pollution prevention)

01 7419 (01732) - Construction Waste Management and Disposal (landfill diversion)

01 9113 (01810) - General Commissioning Requirements (functional testing by Contractor)**

01 9114 (01815) - Commissioning Authority Responsibilities (independent agency)**

02 6500 (02115) - Underground Storage Tank Removal (petroleum)

02 8400 (13284) - Polychlorinate Biphenyl (PCB) Remediation (and mercury lamps)

06 1000 (06100) - Rough Carpentry (and other Division 6 sections) (prohibition on old growth timber, sustainably harvested wood, salvaged and re-used wood)

07 9005 (07900) - Joint Sealers (VOC limits prescribed by law and LEED)

09 6800 (09680) - Carpeting and **09 6850 (09685) - Carpet Tile** (low emitting materials)

09 9000 (09900) - Painting and Coating (VOC limits prescribed by law and LEED)

23 0800 (15102) - Commissioning of HVAC (Contractor's duties specific to HVAC)

31 1000 (02230) - Site Clearing (limits on site disturbance)

32 1413 (02783) - Precast Concrete Unit Paving (open-grid pavers for pervious surfacing)

** See our LinkLine Spring 2005 issue for "Specifying Commissioning Using SpecLink," which while relevant to LEED, is critical to proper functioning of virtually any type of building project. ■

Training Schedule

The BSD SpecLink+ Workshop

The BSD SpecLink+ Workshop consists of two one-day workshops. The first day is devoted to learning the basics of SpecLink+, including how to navigate within the software, start a new project, edit sections, understand how the links and choices work, and how to format, print and export the final document. It is designed for new users. The second day is designed for those who want to learn how to create and maintain their own office master. This day covers the concepts of an office master, how to customize your master by adding choices, links, and tags, as well as creating your own checklists. Users must already be familiar with the basics of SpecLink+ to attend the second day.

BSD SpecLink+ Either Day* \$495 Both Days* \$895

June 1-2
July 12-13
Sep 13-14
Oct 18-19
Dec 6-7

AIA Members: Submit Course Completion Certificate for 7 or 14 Continuing Education Units

CSI Members: Submit Course Completion Certificate for 7 or 14 Education Contact Hours (ECHs) toward your CCS, CCCA, or CCPR Certification renewal

* Class starts at 9:00 AM and ends at 5 PM.

BSD CostLink/CM 3 days* \$1295

September 20-22
December 13-15

AIA Members: Submit Course Completion Certificate for 24 Continuing Education Units

CSI Members: Submit Course Completion Certificate for 24 Education Contact Hours (ECHs) toward your CCS, CCCA, or CCPR Certification renewal

* Class starts at 9:00 AM and ends at 5 PM.

View BSD class schedules on our website! Go to www.bsdssoftlink.com and click the Training link. Get directions & information on travel, hotels, & Atlanta!



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