



Graphics
Solution Providers Inc

August 2010 GSP eNews



Graphics Solution Providers Inc. (845) 677-5088

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Volume 3, Issue 3

GSP Revit 2011 "Try Before You Buy" Event is coming on August 10, 11. Click to Register:



Check out GSP's Civil 3D Workshop Series in Sept. and October:

[Click Here for more Info](#)

Get Current Campaign EXTENDED! Save up to 50% on new Autodesk software. Check it out:

[GET CURRENT NOW](#)

If You're An Architect and Not Using Revit (or need 6 C.E.U. Credits), Click Here Now:

[**GSP's Revit Architecture TBYB 2011 Seminars**](#)

New Features in Revit 2011? Just a Few!

Huge List of Improvements to Revit 2011 adds features, functionality and power:

- Repeatable commands using the ENTER Key
- Modeless (floating or static) Properties Box/Palette that can be moved to a second monitor
- The Options Menu has been expanded with more "options and tabs" for controlling our Revit work environment
- More control of the Ribbon & Quick Access Tool
- The Element Filter (in Properties) includes a Type Filter
- Resizable dialogue boxes
- Realistic shading of materials without rendering. (similar to AutoCAD functionality)
- Keyboard Short-cuts dialogue box.
- Access to Model Review & Green Building Studio | Listed as a Subscription Benefit
- Improved Rendering Speed, 4 core restriction removed, some multi-threading abilities for the model

Additional features & enhancements to Revit 2011 include:

- Maintaining Temporary Dimension edits within a user session
- Select All Instances in the model or Specific View
- File Linking Enhancements | Tagging
- Improved Worksets management and visibility controls.
- Worksets & Design Options move to the bottom of your screen
- Additional set of View/Visibility icons-controls / enhancements at the bottom of the screen
- The New Reporting Parameter for reference objects are setup in a family model. They can also appear in schedules if setup as a Shared Parameter.
- Elevation Tags – Customizable similar to Section Tags
- Previous Revit Extensions are now embedded as Revit 2011 New Features
- New Sheet Index Settings for creating but not displaying Sheets in the browser

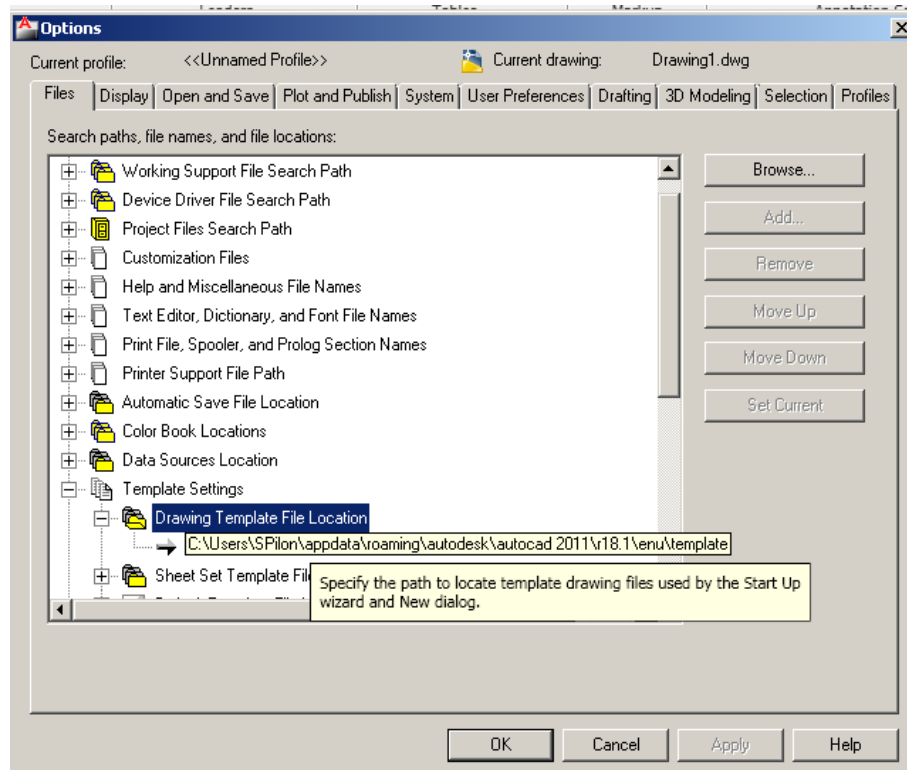
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Creating & Using a Template for Layout Creation in AutoCAD

...by Sabrina Pilon, GSP

Creating a template drawing with a Single Layout –

Any drawing can be saved as a drawing template (DWT file) and if created will include all of the objects and layout settings. You can save a single layout to a new DWT file by choosing the Save As option of the LAYOUT command (which you would type in on the command line). The template file is saved in the drawing template file folder as defined in the Options dialog box under the Files tab (see below).



The layout template has a .dwt extension like a drawing template but contains a layout with your desired title block. When you create a new layout template, any named items, such as blocks, layers, and dimension styles, that are used in the layout are saved with the template.

These items are imported as part of the layout settings if you import this template into a new layout. It is recommended that you use the Save As option of the LAYOUT command to create a single new layout template. When you use the Save As option, unused definition table items are not saved with the file; they are not added to the new layout into which you import the template.

If you insert a layout from a drawing or template that was not created using the Save As option of the LAYOUT command, definition table items (such as blocks, layers, and dimension styles) that are used in the drawing but not in the layout are inserted with the layout. To eliminate unnecessary definition table items, use the PURGE command.

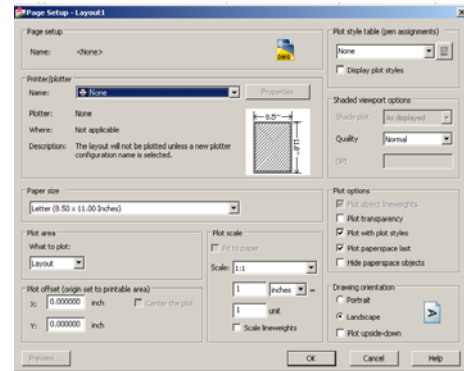
(continued)

Creating A Template Drawing which Stores Multiple Layouts

– To create your own template file that stores different sized title block layouts:

- Open a new drawing
- Create multiple layouts by right clicking a layout tab and select New Layout. Then for each new layout:
 - specify the desired layout page settings (such as setting the paper size and orientation)
 - name each layout according to its size; ie: ARCH D (which is a 24x36); or ANSI A_L (which would be an 8 ½ x 11 landscape orientation).
 - insert title blocks into each layout (see Note below).

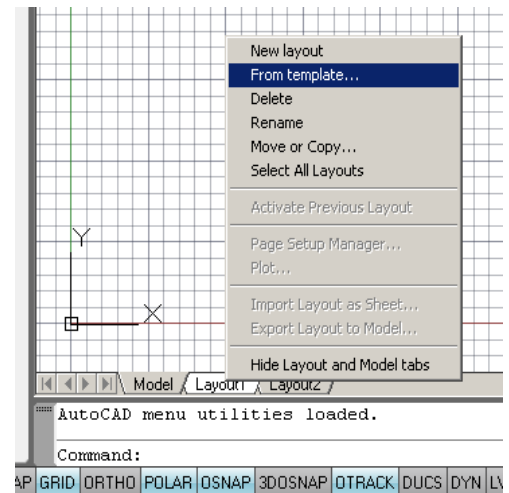
You can create any number of layouts however, they should be sized and oriented to meet the needs of your company or work (ie: 8 ½ x 11 portrait and/or landscape; 11x17 landscape; 24x36 landscape; etc).



Specifying Layout Page Settings

Note: To create a layout with a title block you'll have to insert a title block onto your layout. This process requires that the title block you're inserting resides in the model space of a .dwg file. Just use the Insert command to bring in your title block onto your layout. (Again, for this to work, the title block must reside in the model space of a .dwg file)

- Now your drawing contains no model geometry but multiple layouts.
- Save the drawing as a .dwt by selecting the SaveAs command and changing the File of Type to a .dwt.
- Then open up the .dwt that you've just created, purge all, and resave the file.
- Now you can use the 'from Template...' layout creation option (right click a layout and choose from Template...- see image at right) and point to this new template file. During placement it will give you the option of choosing one of the layout sizes that you previously created.



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EXTENDED! Act by August 13th. Call Craig Grant and Save up to 50% on Autodesk 2011 software - (845) 677-5088!

There's never been a better time to get current and discover the incredible capabilities of the latest Autodesk software. The 2011 versions can really help you and the configuration, service and training aces of Graphics Solution Providers will get you integrated and productive at all levels. This is a great way to save.

Call Craig Grant with any questions and to get your order placed immediately to beat the new August 13th deadline. It is the best time to "Get Current" so don't delay!

- Deliver projects faster and more cost effectively, with fewer errors.
- Design, visualize and simulate your most innovative ideas digitally.
- Work easily with Microsoft Windows® 7, as well as Vista® and XP®.

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Whether you're looking for an immediate efficiency improvement or a competitive advantage from the latest Autodesk technologies for Land Development, building information modeling (BIM) or cutting-edge survey power — this is the best opportunity of the year to get the software you want for less.

Make your move before August 13th, 2010.

Not sure which solution is right for you? The Autodesk [product recommender](#) can help you decide.

Announcing the Reprise of our Civil 3D Training Workshop Series



AutoCAD Civil 3D is an incredibly powerful platform for civil engineering and surveying, as well as a tremendous tool for deploying company CAD standards. The most immediate benefits of its use is better designs and increased efficiency and productivity. Because design and construction documentation are dynamically linked, the time needed to evaluate more alternatives, execute design changes, and produce construction documentation is reduced significantly. Beyond efficiency and productivity, this platform also facilitates visualization, simulation, and analysis as part of the design process. Unfortunately, many clients have been slow to implement AutoCAD Civil 3D because of its seemingly overwhelming complexity. To address this, Graphics Solution Providers is pleased to repeat this series of Workshops first offered earlier this year.

These workshops are intended to serve as an effective introduction to AutoCAD Civil 3D, through short, easy-to-assimilate three-hour sessions. Each workshop focuses on a particular task, from navigating the product interface, to creating and managing Surface, Point, Alignment and other data, through Project Management, and on to more advanced topics such as Creating Corridors and Site Grading.

These workshops are conducted in person by John Cooke, who will present and demonstrate how to perform each task within Civil 3D. The workshops follow a single representative surveying and civil engineering project throughout, providing continuity from session – and task – to session. A workbook is provided for each workshop, and the class dataset is available for download from the Internet. What's more, all six workshops are approved for 3 hours of continuing education credit (CEU) for NY State surveyors and civil engineers. 5 of the 6 are approved for credit in NJ!

Although not a substitute for hands-on training, the instructor-lead workshop format provides an opportunity for interaction with the instructor at an affordable cost.

The initial series includes the following six workshops:

Monday, Sep 13, 2010

AM: Introduction to AutoCAD Civil 3D – Core Concepts
PM: AutoCAD Civil 3D Surface Modeling
~~~~~ for Existing Conditions I – Aerial Data

## **Monday Sep 27, 2010**

AM: Working with Points in AutoCAD Civil and Civil 3D  
PM: AutoCAD Civil & Civil 3D Surface Modeling for Existing Conditions II - Point and Breakline Data

## **Tuesday Oct 12, 2010**

AM: AutoCAD Civil 3D Implementation – Styles and Settings  
PM: AutoCAD Civil 3D Project Management – Concepts and Strategies

Priced at \$99 per session or \$149 per day per attendee, or \$349 for the entire 6-session series. To register and reserve your spot, click here now:

Register Now



Descriptions of the workshops  
and follow-on session topics are  
available at:

[http://www.graphics-solutions.com/gsp\\_web\\_031.htm](http://www.graphics-solutions.com/gsp_web_031.htm)



Revit Architecture software works the way you think. This innovative building design and documentation system helps you work naturally, design freely, and deliver efficiently.

Changes made in one view update across all views and on the printable sheets. The name "Revit" implies this ease of revision that is at the heart of the software.

Revit® Architecture turns unparalleled flexibility to maximum advantage: Providing benefits of the Revit® Architecture building information modeling (BIM) application, this solution protects your software, training, and design data investments; speeds creative design work; and enhances coordination of your presentations and documentation.

This seminar focuses on basic tools that the majority of users will need to work with by creating a small office building.

Topics:

- Create a 3D building model with walls, windows, doors
- Work with the basic drawing and editing tools in Revit
- Create Levels and Grids as datum elements in the model
- Add floors and roofs to the building model
- Create stairs, wall sections, details, and schedules
- Work with site tools, place a building on the site
- Create camera views and a walk-through/walk-around
- Work with design options tools
- Add component features, such as furniture

TUESDAY, Aug 10th & 11th, 2010 at GSP Headquarters in LaGrangeville, NY This is a "hands-on" Seminar.



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For more details, contact Craig Grant:  
Graphics Solution Providers  
(845) 677-5088  
[cgrant@graphics-solutions.com](mailto:cgrant@graphics-solutions.com)  
[www.graphics-solutions.com](http://www.graphics-solutions.com)

Come Try Revit Architecture  
2011 with Graphics Solution  
Providers on August 10<sup>th</sup> or 11<sup>th</sup>

– Get 6 CEU Credits!

The Revit Architecture TBYY Series of events fills up fast. Register today to reserve your spot and attend this special event simply by clicking on this link:

[http://www.graphics-solutions.com/gsp\\_web\\_020.htm](http://www.graphics-solutions.com/gsp_web_020.htm)

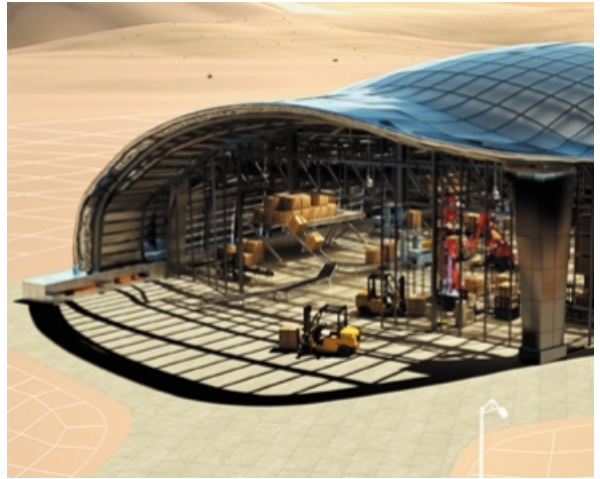
To learn more, call or email Craig Grant or Jay Ballowe at [jballowe@graphics-solutions.com](mailto:jballowe@graphics-solutions.com) [cgrant@graphics-solutions.com](mailto:cgrant@graphics-solutions.com):  
(845.677.5088)

This is a "Hands-On" Event from 9:00AM - 4:30 PM

Price: \$99.00  
(credited towards price of software within 90 days)

Register Now >

## ***2 AutoCAD Architecture Workshops on October 13<sup>th</sup>***



***Don't Forget to Sign-up for GSP's Architectural Workshops!  
Click [Here](#) for the Arch Workshops you need now!***

**Morning Session (8:30 AM to Noon):**

### **What You Need To Know To Create Good Schedules**

If you're interested in tailoring your AutoCAD Architecture window and door schedules to your liking, you'll want to attend this workshop. This session will provide a basic explanation of what you need to know to create and incorporate good schedules in your drawing sets.

What property set definitions are & how they apply to schedules

- Placing Spaces
- Placing Tags
- Placing Schedules
- Schedule Styles – i.e. cell formatting, adding & deleting columns, etc.

**Afternoon Session (1:00 PM to 4:30 PM):**

### **Understanding Annotative Scaling and How to Create Custom Tags**

If you want an easier way to manage annotations at different scales in your sheets and tailor your window and door tags to your liking, this is the workshop for you. This session will provide a step-by-step approach to understanding and implementing annotative scaling in your drawings as well as teaching you how to create custom tags.

- How you create annotative text
- What scale representations are and how you control their display
- Annotation Visibility Button – how it works
- Add Scales Button – how it works
- How you update non-annotative text to be annotative

We'll then delve into how to create your own custom tags in AutoCAD Architecture.

- What settings are required for custom tag creation
- Using the Define Schedule Tag Wizard

**Location: Graphics Solution Providers Office in LaGrangeville, NY  
Price: Either workshop for \$99; Both workshops for \$149  
Preregistration and advanced payment required.  
Enroll at [www.graphics-solutions.com](http://www.graphics-solutions.com) or call 845-677-5088 ext 1**

## GSP Training/Workshop/Seminar Calendar

*“The only thing worse than training employees and having them leave, is not training them, and having them stay.”*

| <b>TRAINING CLASSES</b>                                                                        |         |        | AUG10      | SEP10    | OCT10      |
|------------------------------------------------------------------------------------------------|---------|--------|------------|----------|------------|
| <i>AutoCAD Fundamentals</i>                                                                    | 3 days  | \$ 950 | 17, 18,19  | 28,29,30 |            |
| <i>AutoCAD Architecture Fundamentals</i>                                                       | 3 days  | \$ 950 |            | 21,22,23 |            |
| <i>Autodesk Revit Architecture Fundamentals</i>                                                | 3 days  | \$ 950 | 11, 12, 13 |          | 19, 20, 21 |
| <i>AutoCAD Civil 3D Essentials</i>                                                             | 3 days  | \$1250 |            | 28,29,30 | 5, 6, 7    |
| <i>AutoCAD Civil 3D Grading &amp; Corridor Design Fundamentals</i>                             | 3 days  | \$1250 |            |          | Nov 3-5    |
| <b>TRAINING WORKSHOPS</b>                                                                      |         |        |            |          |            |
| <i>AutoCAD Civil3D Intro-Core Concepts</i>                                                     | 1/2 day | \$99   |            | 13 AM    |            |
| <i>Civil 3D Surface Modeling for Existing Conditions I- Aerial Data</i>                        | 1/2 day | \$99   |            | 13 PM    |            |
| <i>Working with Points in AutoCAD Civil 3D</i>                                                 | 1/2 day | \$99   |            | 27 AM    |            |
| <i>AutoCAD Civil 3D Surface Modeling for Existing Conditions II - Point and Breakline Data</i> | 1/2 day | \$99   |            | 27 PM    |            |
| <i>AutoCAD Civil 3D Implementation - Styles and Settings</i>                                   | 1/2 day | \$99   |            |          | 12 AM      |
| <i>AutoCAD Civil 3D Project Management - Concepts and Strategies</i>                           | 1/2 day | \$99   |            |          | 12 PM      |
| <i>AutoCAD Architecture - What You Need To Know To Create Good Schedules</i>                   | 1/2 day | \$99   |            |          | 13 AM      |
| <i>AutoCAD Architecture - Understanding Annotative Scaling and How to Create Custom Tags</i>   | 1/2 day | \$99   |            |          | 13 PM      |
| <b>SEMINARS</b>                                                                                |         |        |            |          |            |
| <i>Autodesk Revit Architecture “Try Before You Buy” hands-on Seminar</i>                       | 1 day   | \$99   | 10 & 11    |          | 18         |
|                                                                                                |         |        |            |          |            |

If you have Help Desk Support with GSP, you receive 20% off regularly scheduled hands-on training sessions at our training facility. If you wish to sign-up for any training, workshop or seminar session, go to [www.graphics-solutions.com/Events](http://www.graphics-solutions.com/Events)

### Graphics Solution Providers

115 Barmore Road  
P.O. Box 159  
LaGrangeville, NY 12540

**Phone**  
(845) 677-5088

**E-mail**  
[cgrant@graphics-solutions.com](mailto:cgrant@graphics-solutions.com)

## About GSP

Graphics Solution Providers is a full service digital design (CAD) dealer with offices in LaGrangeville, NY (Poughkeepsie, NY area)

We have specialized in the Architectural, Civil, and Survey fields since 1992 by offering hardware, training and support services. Geographically, our primary market area is within

NY, CT, Western MA, Northern PA and NJ, ranging from firms with one seat to those with over 250 seats.

GSP is proud to be an American Family Business success story and is independently owned and operated for our clients' benefit. We have a team of Autodesk certified professionals committed to your success. Our

greatest satisfaction comes from seeing your company succeed with computer technology.

No matter whether you are a self-employed architect or engineer just starting up, or an international design/build firm; located in a city or in a remote rural town - we strive to develop long-term relationships with our clients.

*Providing Digital Design Solutions for tomorrow ... TODAY!*

