



GUIDELINE , ASCENX DRAWING TEMPLATE, AUTOCAD/PRO-E

Title: GUIDELINE , ASCENX DRAWING TEMPLATE, AUTOCAD/PRO-E

Summary: AutoCAD/Pro-E Drawing Template for B & D size Procedure

Name		Initial / Date	Distribution Restriction
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GUIDELINE , ASCENX DRAWING TEMPLATE, AUTOCAD/PRO-E**1. OVERVIEW**

This procedure use to instruct how to use a template in AutoCAD & Pro-Engineer software for making all Ascenx's drawings.

2. SCOPE

- Provide step by step instructions to use AutoCAD & Pro-Engineer drawing template B & D size for all drawings of Ascenx in AutoCAD & Pro-Engineer software included: layer style, dimension style, text style, block and border & title block...
- All design engineers must follow this procedure to make all drawings of Ascenx.

3. DEFINITIONS

APDM: Ascenx Product Data Management

AutoCAD: 2D/3D software from Autodesk Inc.

Pro-Engineer or Pro-E: 3D software from Parametric Technology Corporation.

*.dwt file: Drawing Template file (from AutoCAD)

*.frm file: Format file (from Pro-E file)

PDF: Portable Document Format

MS PowerPoint: Microsoft PowerPoint file

BOM Table: Bill of Material Table

REV Table: Revision Table

Block: All objects which are previous designed and call out from block library to use.

P/N: Part Number

4. ROLES AND RESPONSIBILITIES

- All changes to improve for all templates will be done by originator and approved by leader or manager.
- All users must use these templates for all drawings of Ascenx and feedback to person in charge when user need update information to template.

5. REFERENCE DOCUMENTS AND WEB ADDRESSES

Use User Guide, Ascenx AutoCAD Layer Standard - Template with

P/N: **510-000005-01-AA** to refer more information.

6. REQUIRED TOOLS AND EQUIPMENTS

Install AutoCAD & Pro-E software to computer before using these templates for creating Ascenx drawing.

7. PREPARATIONS AND WARNINGS

N/A

8. PROCEDURE STEPS

Step 1: Get Template files from APDM

Go to link and login:

<http://app.ascenx.com/oem/administrator>

Note:

Please contact Document Control to have new account to access to APDM. See **Figure 1**.



Figure 1

The template files are stored in APDM, AutoCAD and Pro-E library is controlled by Part Number as below:

AutoCAD software:

TEMPLATE, AUTOCAD DRAWING, B/D SIZE, ASCENX with P/N: [525-000002-02-AA](#)

Pro-Engineer software:

TEMPLATE, PRO-E DRAWING, B/D SIZE, ASCENX with P/N: [525-000002-01-AA](#)

Step 2: Make a new drawing by using the Ascenx's Templates.

2.1 AutoCAD software:

Choose a New drawing icon → Choose template suitable for drawing (B or D size, Sheet 1 or 2) for drawing → Click Open button → Make a drawing. See **Figure 4**

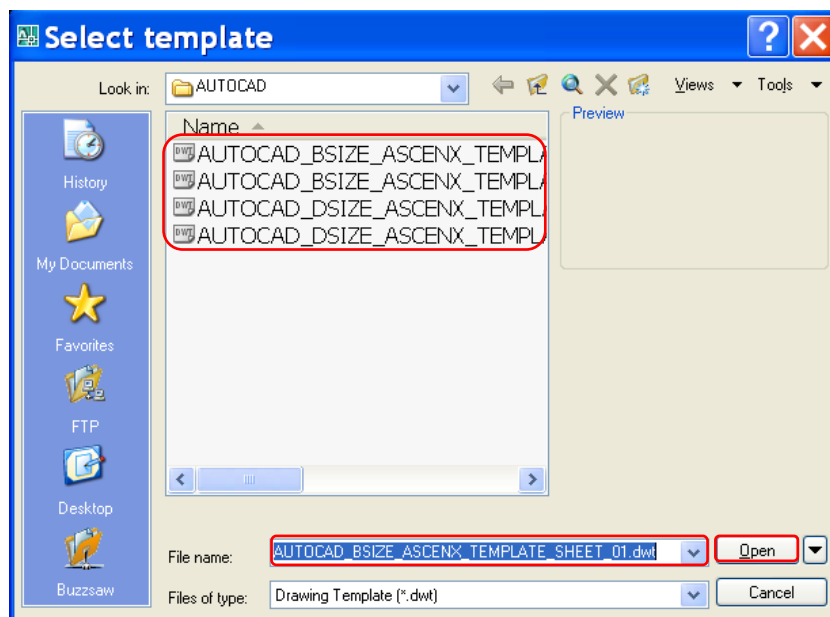
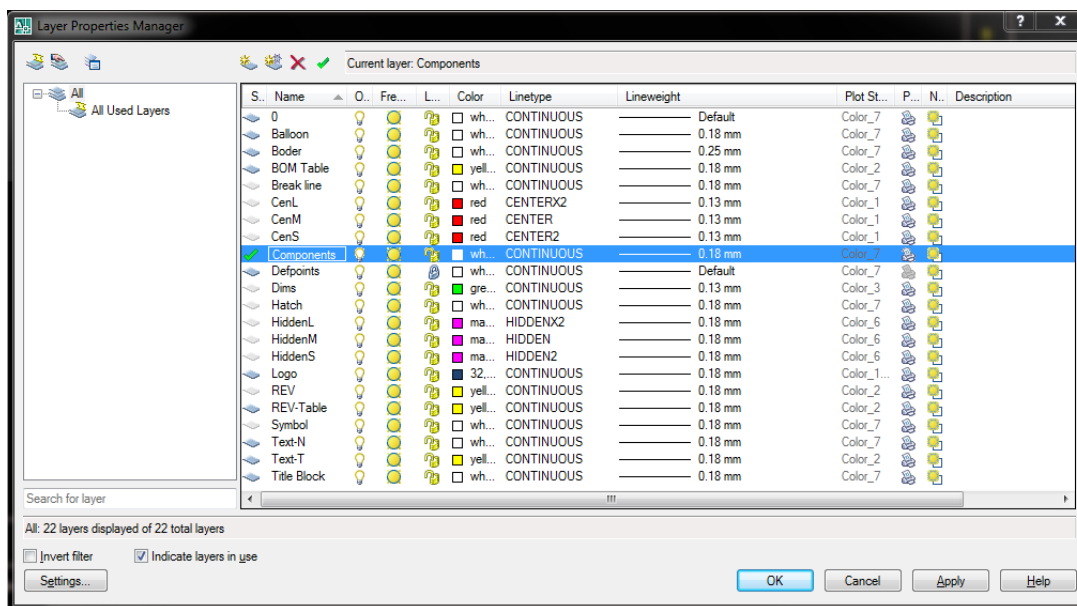


Figure 4

Note:

Remember using suitable layer style, text style, and dimension style for drawing. See Figure 5



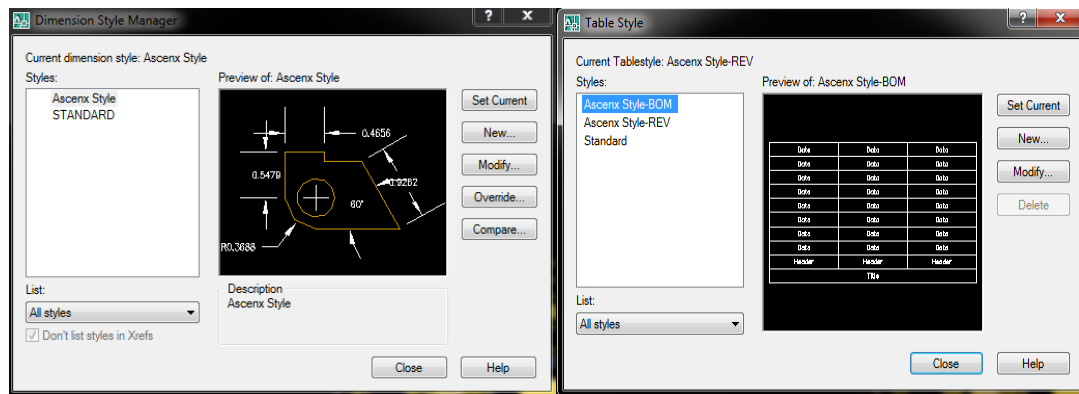


Figure 5

Note:

User should fill in or change information of Title Block before make drawing for part by form (Choose File icon → Drawing Properties → Custom → Save icon to update information) or direct to Title Block. See **Figure 6**

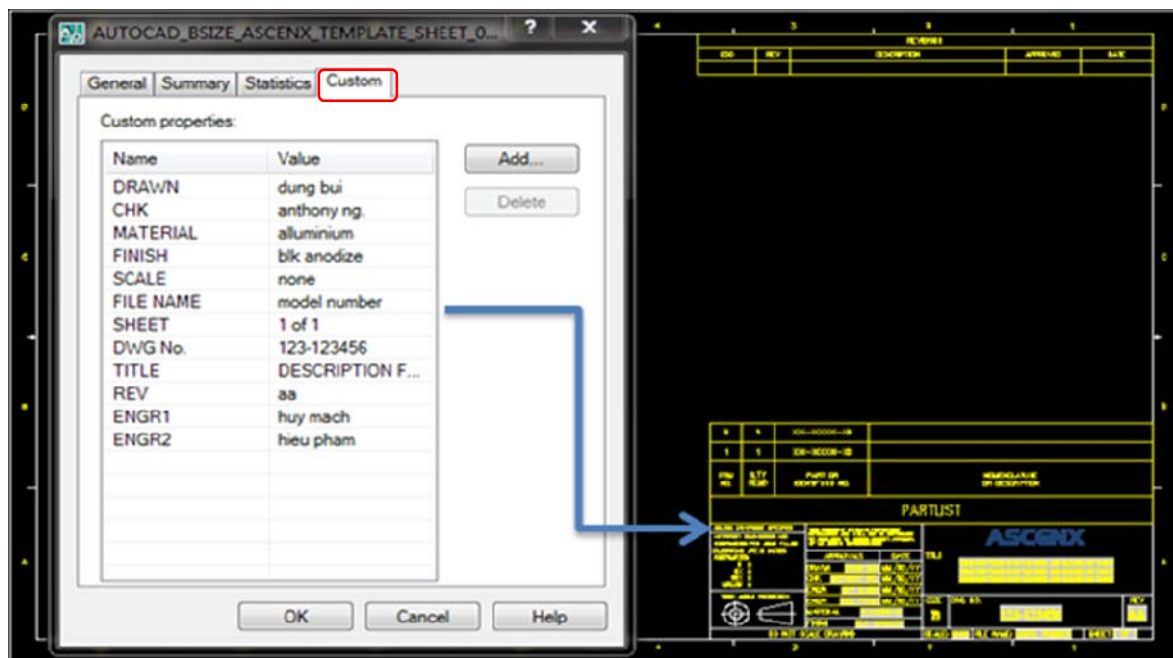


Figure 6

For additional information, refer User Guide, Ascenx AutoCAD Layer Standard - Template with P/N: 510-000005-01-AA

2.2 Pro-E software:

Choose New Drawing icon → select Type (Drawing) → Create Name → Check Use default template.

Pro-E open new window → Choose Empty with format → Browse → choose Working Directory → choose suitable templates (Ex: pro_dsize_ascenx_template.frm) → make drawing. See **Figure 7**

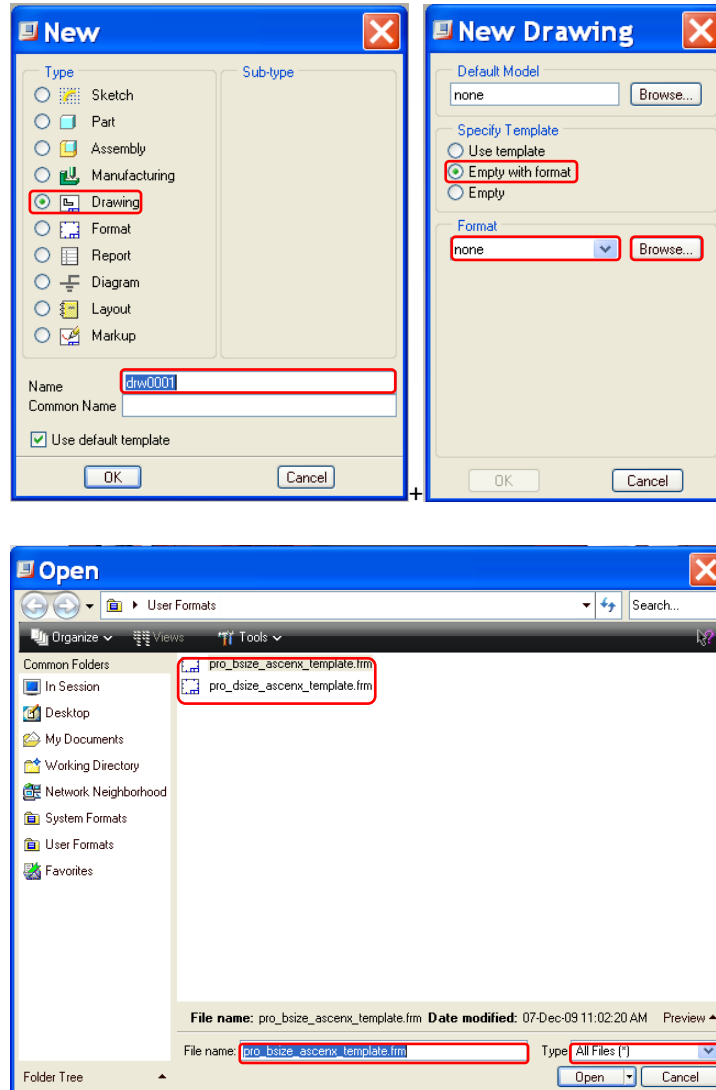


Figure 7

Note:

When software pop up a prompt line to fill information into Title Block user should fill in blank or change all information before make a drawing for part.

9. APPENDIX

N/A