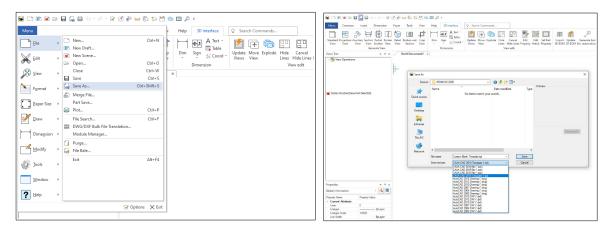
## **IRONCAD DRAFT – SETUP PROCEDURE**

When setting up IRONCAD DRAFT some changes will be "Global" whereas others will be "Drawing (or Template) Specific". See the document "Setup Styles and Configurations".

- 1. Start IRONCAD DRAFT (or CAXA DRAFT in IRONCAD). A new drawing (named Draft Document1) will open based on whatever is set as the default drawing "Template". For a new installation this will be based on "BLANK.tpl" (located in the Program Files).
- 2. "Save As" this blank open drawing as a new drawing "Template". In the Save As Dialog Box choose the desired save location, select the template file type (\*.tpl), and give the new custom template file a meaningful name.



Now any setup changes made to the **Drawing Styles** and **Drawing Configuration** can be saved with this new custom template (while it remains the current drawing).

3. Open the "Standard Manager" and set the various Drawing Styles (Dimension, Surface Finish, etc...) to "Standard". That is, if you want to delete unwanted preloaded Drawing Styles within "Style Manager" during the following step. Save the current drawing.

n Paper Tools View Help 3D Interface Purge Module e Manager Options Select Snap Point St Settings Settings style Man Options	Control Contro	ter 🕞 Weight	<ul> <li>Print Tool</li></ul>
Standard IISO V	Adard elements:       uble dick to       ISO       Surface Finish       -	Assoc Dim Revision Settings Revision: Reference Style Dimstyle: Select the if you war	e Click to Open the ciated Dialog Box

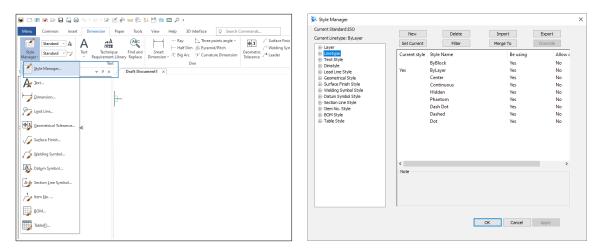
This document is copyright of JAMES FORTEN INDUSTRIAL LTD and all rights are reserved.

IRONCAD DRAFT - Setup Procedure - 20210507 - Page 1 of 5

4. Open "Style Manager" and make the desired changes to the Drawing Styles. These changes can be made manually, or you can "Import" Drawing Styles from another Drawing or Template.

When importing Drawing Styles, you have the option to "Cover Same Name Style". When selected, any existing Drawing Styles that have the same name as that being imported, will have their values over-written. This is very convenient for updating Drawing Styles within existing drawings.

When done close the dialog box using the "OK" button. Save the current drawing.



These "Drawing Style" changes need to be saved with the current drawing (or template in this instance). Save the current drawing after changes are made.

5. Open the System "Options" Dialog Box, and select "File Attribute" (at the bottom of the list). These are Drawing Configuration options. Make the desired option selections then close the dialog box using the "OK" button. Save the current drawing.

Menu	v Help 3D Interface 📿 Searc	:h Commands		Default	Import from file	Export to file
File     ,     Recent Files       Stat     ,       Stat     ,       Stat     ,       Farmat     ,       Paper Size     ,       Damegsion     ,       Damegsion     ,       Modify     ,       Jools     ,       Window     ,       Halp     ,		₩III / Welding Symbol Dieplay	Type: Decimal Precision: 0.0000	v v	Angle Type(Y): Deg. Precision: 0.0000 WpeOut Border O No border appear Show frame (appear but not p	

These "Drawing Configuration" changes need to be saved with the current drawing (or template in this instance). Save the current drawing after changes are made.

6. Open the System "Options" Dialog Box, and make any desired changes from "Path" at the top to "3D Interface" near the bottom. These System Configuration options are global settings, and are saved automatically when CAXA shuts down correctly.

For the purpose of "Importing" these settings back into this or another computer, save the settings to an external file using the "Export to File" button. This capability also enables you to have different settings for different applications.

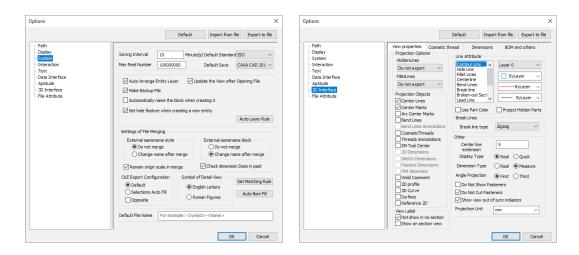
🗅 🖻 🖻 🖻 🔒 🔓 😓 🔗 - 🔗 - 🗹 🖆	드 문 5: 전 18 표 2 *	
Menu	v Help 3D Interface 🛛 Search Commands Default	Import from file Export to file
File     Recent Files       Edit     >       Farmat     >       Paren Size     >       Damegsion     >       Modify     >       Window     >       Window     >       Window     >	Image: Sector Secto	Modfy Open

Within "Template Path" modify where user custom templates are located.

Within the "System" section there is an "Auto Layer Rule" button. Before making changes here, it is necessary to have already set up the Layer Styles in step 4 above.

Also within the "System" section there is a "Set Matching Rule" button. This is where user created "Attributes" within BOMs and Title Blocks are matched to "Properties" within the Drawing (such as Paper Scale) and 3D Scene. See separate document.

Within the "3D Interface" section there are "Line Attribute" selections relating to the Projected Views. Before making changes here, it is necessary to have already set up the Linetype and Layer Styles in step 4 above.



This document is copyright of JAMES FORTEN INDUSTRIAL LTD and all rights are reserved. IRONCAD DRAFT - Setup Procedure - 20210507 - Page 3 of 5

Aut	o Layer Rule		×	Set Match	ing Rule			
Γ	Object type	Layer	^	Matching rules:				
1	Datum Symbol	Dimension Layer	-		Attribute Name	Match Name		
2	Dimension	Dimension Layer	-	1	Symbol	Part Number;Draft symbol;Drawing		
3	Geometric Tolerance	Dimension Layer	-	2	Name	PartName;Drawing Name;Part Nan		
4	BOM	Solid Layer	-	3	Unit	Unit Name;		
5	Section Line Symbol	Dimension Layer	-	4	Number	PartQuantity;		
6	Welding Symbol	Dimension Layer	-	5	Material	Material;		
7	Pyramid/Pitch	Dimension Layer	-	6	Single	PartMass;		
8	Table	Solid Layer	-	7	Remark	Description;		
9	Surface Finish	Dimension Layer	-	<	1	>		

7. Customize the User Interface according to user preference. These User Interface Configuration options are global settings, and are saved automatically when CAXA shuts down correctly. For the purpose of "Loading" these customized settings back into this or another computer, save the settings to an external file using the "Save" menu selection.

😼 🗅 🖻 🖻 🖻	- E		🗹 🖧 🛏 🕼 🏷 🎽	8	6 @ <i>p</i>	÷						
Menu					Help	3D Inter	face	♀ Searc	h Commands.			
Eile	ŀ	Three-View Guide Inquiry	F7	Ī	R	📧 Fill in 🔠 Edit	12	2 Edit	/₂ Align / /≓ Swap /		Break Exp	
Edit		🛼 Quick Select			t Define de Paratable	H Save	General Item No	te . 🧚 Delete	e 🕫 Merge	A† Top	Fill in BOM Delete 🎇 Dat	abase
0-0 -		Properties	Ctrl+Q	Ш	Paratable			lte	em No.		BOM	
X View	F	Design Center	Ctrl+2	lŀ	×							
-		Cata Migration		Ш								
Format	×	File Compare		Ш								
		Display order		Ш								
Paper Size	×	New UCS(U)		Ш								
		Coordinate Managemer		11								
Draw	×	. Snap Settings	Ctrl+G	Ш								
1. J		Y+ Pick Setting		11								
Dimension	۲	Customize		Ш								
		Interface Operations	)		Switch	F9						
Modify	*	Options			Reset							
10 x 1		View Operations	,		Load							
Tools	,				Save							
Window				Π								
				Ш								
? Help	۰											
			Options X Exi									
1												

8. Open the "Print" Dialog Box, and make any desired changes. These Print Style Configuration options are global settings, and are saved automatically when CAXA shuts down correctly. For the purpose of "Loading" these customized settings back into this or another computer, save the settings to an external file using the "Save Style" button.

<b>V</b> • • • • •	🖬 🔓 🖨 🗠 - 🔗 - 🖻 🎽 🚔 🖨 🖏	3 🐀 EI 🔎 =	Print Dialog	;
Menu Eile	New     Ctri-N     New Draft     New Draft     Porter     Open     Ctri-O     Close     Ctri-W     Save     Ctri-S	Help         3D Interface         Q         Search Commands	Julia:         - Netry           Type:         CAXA PDF Converter Driver           Note:	Properties Monochrome Pl Text as Fill Plot to file Dim User Input Plot WaterMark
Fgrmat	Gull Save At         Ctrli-Shift+S           Merge File         Part Save           Part Save         Plot           Ctrli-P         File Search           DVG/DXF Bulk File Translation         Module Manager		Mode:     Automatic Extension     Image: Constraints       Pace:     © Split paper using paper area     Paper Constraints       Decore:     © Split paper using Copping area     Copping: 1       Ecore Coparisa:     Paper Info: 44     Length: 0     ( Wddh 220mm W/H	•
Modify +	Purge File Bale Exit Alt+F4		Page Ragge	ioint in screen
Window →	Grand Coptions × Ex		Specify Page         Pact Offset           Specify Page         Pact Offset           Specify Page         Specify Page           Specify Page         Specify Page           Specify Page         Specify Page           Used Style         Save Style           Edd Style         Edd Type           With Setting         Prevew	mm mm Cancel

This document is copyright of JAMES FORTEN INDUSTRIAL LTD and all rights are reserved.

9. Open the "Print Linetype" Dialog Box from within the "Print" Dialog Box, and make any desired changes. These Print Linetype Configuration options are global settings, and are saved automatically when CAXA shuts down correctly. For the purpose of "Loading" these customized settings back into this or another computer, save the settings to an external file using the "Save Style" button.

Print Dialog	× Linetype Settings ×
Status: Ready Mono Type: CAXA PDF Converter Driver Text Note: Auto Cut Plot t Pontion: FXR PDF: Dent Calibration Dm U	
A4         Image: Constraint of the section         Image: Constraint of the section         Image: Constraint of the section         Page: Consection         Page:	dscape
Split paper using Clipping area Copies: 1  Export Graphics Paper Info: A4 Length: 0 ( Width 210mm Height 297mm W/H 0  Standard ObipNay O Limits O Window Specify point in Mapping Connection	A D U D D T A 1.71 ) Thinke+Dash
Auto Fit     1:1     Other     I:1     Interference     Auto Fit     Deperation     Speady Page     Interference     Interferencee     Interference     Interference     Interference     In	
Load Style Save Style Edit LType WM Setting Preview Print (	Cancel Cancel OK Cancel

10. Set the "Default Template on Startup" by selecting "New Doc", then "CAXA Draft". This will open the "New" Dialox Box. Select the desired template and then click on the "Set as Default on Startup" button. Click on the "Cancel" button to close the dialog box.

See Company	News	~	New X
Be New Coden Coden Coden Coden	New		Draft Template Current ISO ~
Image: Section 1         Image: Section 2         Image: Section 2<	New Scene Drawing CAXA Draft	OK Cancel Help	Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT       Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT     Imputer to LAMAGE CONTINUE ACCOMPANY DOCUMENT

11. Close the current drawing (template) and "Exit" the program.

This concludes the steps involved in setting up IRONCAD DRAFT (or CAXA DRAFT in IRONCAD) with customized Configuration Settings and a customized Blank Template.

There can be a lot of time involved in some of these steps (such as in setting up all of the Styles). See additional documents that go into more of these details.

The next steps involve creating customized Drawing Frames and Title Blocks, along with additional customized Templates (that contain these Drawing Frames and Title Blocks). Before tackling the creation of these it is beneficial to have an understanding of DWG "Blocks", as this is essentially what these Drawing Frames and Title Blocks are.

This document is copyright of JAMES FORTEN INDUSTRIAL LTD and all rights are reserved.