

TITLEBLOCK
GUIDE

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Custom Titleblocks for Revit

Introduction

Title block are one of the most important families in your Revit template. Remember, every drawing or sheet in Revit needs a title block. Automating the data and project info on them will save you considerable time. At Project by n., we have developed a custom suite of title block families with integrated tools to automate your drawing info.

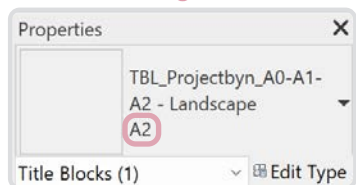
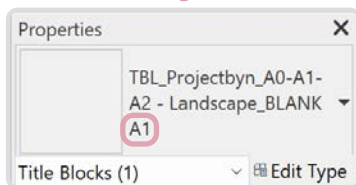
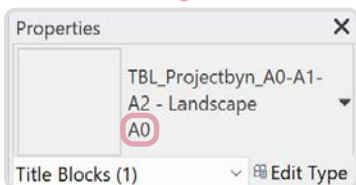
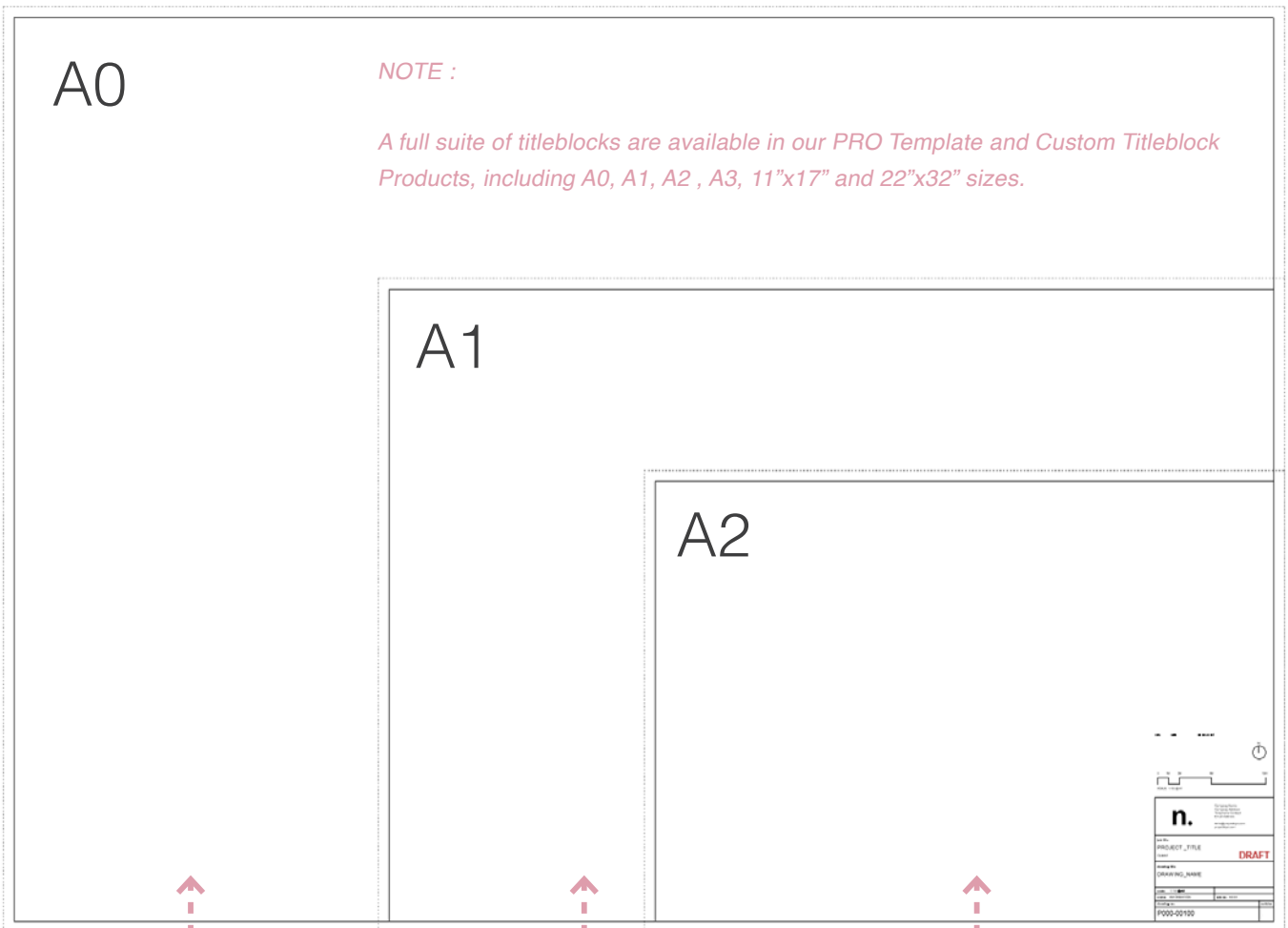
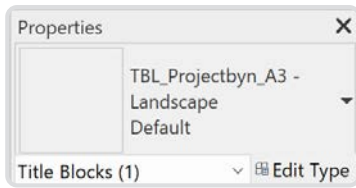
The titleblock families are easy to use. They are parameterised to populate automatically with the your project information, like the name and address of your project, the client name, and the project number. This data is derived from the Project Information dialog box. The sheet information, such as the name, number date scale etc., is managed via default and custom parameters in the sheet properties panel. The integrated revision schedule has been set up to record the current revision date, description and number. The titleblock has also been developed with parameterised tools such as a scale bar, north sign and watermark.

The title blocks can be quickly and easily customised to make it reflect your company branding by adding your company information and logo. Follow this guide to the custom tools featured in our Revit Titleblock suite.



TITLEBLOCK GUIDE

Landscape Titleblocks





TITLEBLOCK GUIDE

Portrait Titleblocks

Properties [X]

TBL_Projectbyn_A3 - Landscape Default

Title Blocks (1) [v] [Edit Type]

A3

A0 *NOTE :*

A full suite of titleblocks are available in our PRO Template and Custom Titleblock Products, including A0, A1, A2, A3, 11"x17" and 22"x32" sizes.

A1

A2

Properties [X]

TBL_Projectbyn_A0-A1-A2 - Landscape

A2

Title Blocks (1) [v] [Edit Type]

Properties [X]

TBL_Projectbyn_A0-A1-A2 - Landscape

A2

Title Blocks (1) [v] [Edit Type]

Properties [X]

TBL_Projectbyn_A0-A1-A2 - Landscape

A2

Title Blocks (1) [v] [Edit Type]

n.

n.

n.

PROJECT TITLE
DRAWING NAME
DATE
PROJECT NUMBER
DRAWING NUMBER
SCALE
SHEET NUMBER
TOTAL SHEETS
PROJECT BY
DRAWN BY
CHECKED BY
DATE
PROJECT BY
DRAWN BY
CHECKED BY
DATE
PROJECT BY
DRAWN BY
CHECKED BY
DATE



TITLEBLOCK GUIDE

Company Information

The sheet and number parameters can be either updated from the properties panel by typing in the correct information, or by double clicking on the name or number directly on the titleblock and entering the information there.

NOTE :

Your company information can be updated by editing the titleblock family and updating the text. The placeholder logo is a detail item family with an image loaded into it. Open the detail item family, replace with an image (png or jpeg) of your logo, and reload into the title block family.

Project Information

Family: System Family: Project Information Load...

Type: Edit Type...

Instance Parameters - Control selected or to-be-created instance

Parameter	Value
Identity Data	
Organization Name	
Organization Description	
Building Name	
Author	
IFC Parameters	
IfcSite GUID	
IfcBuilding GUID	
IfcProject GUID	
Route Analysis	
Route Analysis Settings	Edit...
Other	
Project Issue Date	Issue Date
Project Status	Project Status 1
Client Name	Owner
Project Address	## Street
Project Name	Project Name 2
Project Number	Project Number 3

OK Cancel

rev. date amendment

0 1M 2M 5M 10M

SCALE: 1:100 @ A1

N

n. Company Name
Company Address
Telephone Contact
Email Address
hello@projectbyn.com
projectbyn.com

job title
2 Project Name
Owner

drawing title
Unnamed

scale @A1

1 status Project Status job no. Project Number

drawing no. revision

3 Project Number A101



TITLEBLOCK GUIDE

North Sign

The visibility of north sign can be managed from the properties bar. Tick the box to show the north sign on the title block for plan drawings, and untick the box to hide it. The angle of rotation of the north sign is also controlled from the properties panel by entering in any angle value to rotate the north sign automatically in the titleblock.

The diagram illustrates the configuration of the North Sign in a title block. On the left, the Properties panel for 'TBL_Projectbyn_A0-A1-A2 - Landscape A1' is shown. The 'NorthSign_Rotation' is set to 90.00°. The 'North Sign' checkbox is checked. On the right, four north sign icons are shown at 0°, 90°, 180°, and 287° rotations. Below these is a scale bar with a scale of 1:100 @ A1. The final title block layout on the right includes a logo 'n.', company contact information, and a table with the following data:

rev.	date	amendment

SCALE: 1:100 @ A1

job title Project Name Owner	
drawing title Unnamed	
scale @A1	
status Project Status	job no. Project Number
drawing no.	revision
Project Number-A101	



TITLEBLOCK GUIDE

Scale Bar

The parameterised scale bar can be quickly updated to reflect the scale of the drawing view from the properties panel by entering in the relevant scale value. The scale and unit values will automatically update on the scale bar in the title block. The visibility of the scale bar can be managed by ticking or unticking the box to show or hide it as required.

The image shows the Properties panel on the left and a drawing layout on the right. The Properties panel is for 'TBL_Projectbyn_A0-A1-A2 - Landscape A2'. The 'Other' section has 'Scale Bar' checked and 'ScaleBar_Scale' set to '100.000000'. The drawing layout includes a scale bar with markings at 0, 1M, 2M, 5M, and 10M, and a north sign. Below the scale bar is a title block with the following fields:

rev.		date	amendment
0		1M	2M
5M		10M	
SCALE: 1:100 @ A1			
job title		Company Name Company Address Telephone Contact Email Address hello@projectbyn.com projectbyn.com	
Project Name			
Owner			
drawing title			
Unnamed			
scale	@A1		
status	Project Status	job no.	Project Number
drawing no.			revision
Project Number-A101			



TITLEBLOCK GUIDE

Revisions

The revisions schedule is automatically populated when the revisions are selected by ticking the box in the 'Revisions or Sheet' dialog box from the properties panel. The revision number parameter in the bottom right corner of the title block is also automatically updated with the current revision.

The image illustrates the workflow for managing revisions in a CAD application. It shows three main components:

- Properties Dialog:** The 'Revisions on Sheet' checkbox is checked, indicating that revisions should be tracked on this sheet.
- Revisions on Sheet Dialog:** A table showing the current revision schedule.
- Title Block:** A structured layout containing drawing information, including a revision table and a revision indicator.

Revisions on Sheet Dialog Table:

Revision	Date	Shown in Revision Schedule
Seq. 1 - Revision Description	00.00.0000	<input checked="" type="checkbox"/>

Title Block Revision Table:

rev.	date	amendment
A	00.00.0000	Revision Description

Title Block Drawing Information:

- Company Name: n.
- Company Address: Company Address, Telephone Contact, Email Address
- Contact: hello@projectbyn.com, projectbyn.com
- job title: Project Name
- Owner: Owner
- drawing title: Unnamed
- scale: @A1
- status: Project Status
- job no.: Project Number
- drawing no.: Project Number-A101
- revision: A



TITLEBLOCK GUIDE

Watermark

There are two watermark parameters built into the titleblock. 'DRAFT' can be used for draft drawings and 'SKETCH' for sketches. The watermark visibility is controlled by ticking and unticking the boxes as required.

Properties

TBL_Projectbyn_A0-A1-A2 - Landscape A2

Title Blocks (1) Edit Type

Graphics

Scale

Dimensions

NorthSign_Rotation 90.00°

Identity Data

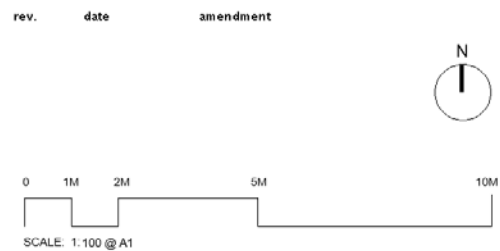
Sheet Name	Unnamed
Sheet Number	A101
Date/Time Stamp	04/20/24
Sheet Issue Date	04/20/24
Drawn By	Author
Checked By	Checker
Designed By	Designer
Approved By	Approver
Sheet Width	594.0
Sheet Height	420.0

Visibility

Watermark_DRAFT	<input checked="" type="checkbox"/>
Watermark_SKETCH	<input type="checkbox"/>

Other

Scale Bar	<input checked="" type="checkbox"/>
North Sign	<input checked="" type="checkbox"/>
ScaleBar_Scale	100.000000
File Path	C:\Users\niamh\Goo...



n.		Company Name Company Address Telephone Contact Email Address hello@projectbyn.com projectbyn.com
job title Project Name		
Owner		DRAFT
drawing title Unnamed		
scale @A1		
status Project Status	job no. Project Number	
drawing no.		revision
Project Number-A101		



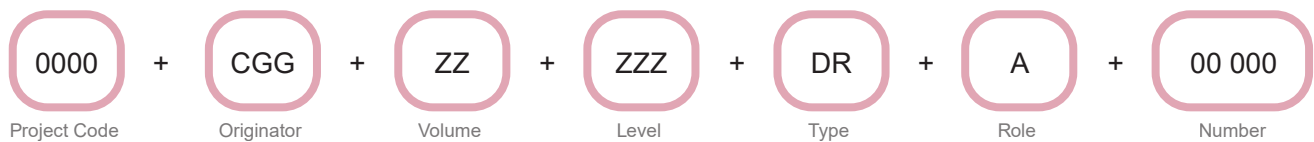
TITLEBLOCK GUIDE

Sheet Name + Number

The sheet and number parameters can be either updated from the properties panel, or by double clicking on the name or number directly on the titleblock.

PRO Revit Template Added Feature:

Our Revit PRO Template Titleblocks, have an expanded drawing number controlled by additional custom parameters within the template file. This drawing number is compliant with BIM industry standard ISO 19650, see below:



Properties

TBL_Projectbyn_A0-A1-A2 - Landscape A2

Title Blocks (1) Edit Type

Graphics

Scale

Dimensions

NorthSign_Rotation 90.00°

Identity Data

Sheet Name Unnamed

Sheet Number A101

Date/Time Stamp 04/20/24

Sheet Issue Date 04/20/24

Drawn By Author

Checked By Checker

Designed By Designer

Approved By Approver

Sheet Width 594.0

Sheet Height 420.0

Visibility

Watermark_DRAFT

Watermark_SKETCH

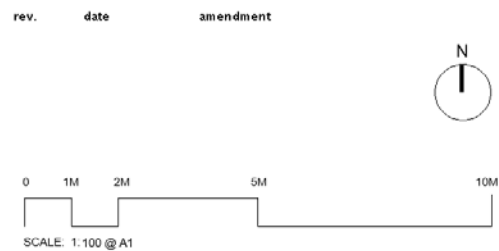
Other

Scale Bar

North Sign

ScaleBar_Scale 100.000000

File Path C:\Users\niamh\Goo...



Company Name
Company Address
Telephone Contact
Email Address
hello@projectbyn.com
projectbyn.com

job title
Project Name
Owner

drawing title
Unnamed

scale @A1

status Project Status job no. Project Number

drawing no. revision

Project Number A101

*Titleblock Suite
+ LITE Template
Drawing No.:*

*ISO 19650 Compliant Drawing No.
PRO Template feature only:*

P000-PBN-XX-L01-DR-A-01410



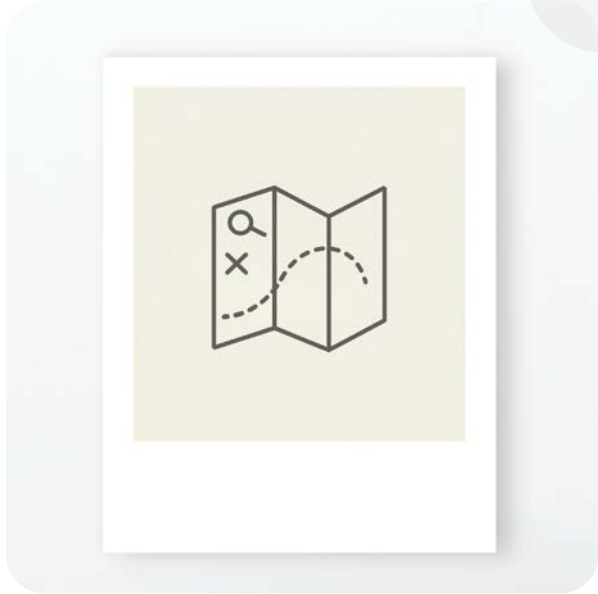
TITLEBLOCK GUIDE

Useful Links + Downloads

Visit projectbyn.com for Custom Templates, Sample Revit Projects and Free Guides to add to your Revit and BIM Library.



FREE



Revit Best Practices Guide



Revit PRO Template



Revit LITE Template



ABOUT US

Project by n. is an architectural graphics studio specialising in the design of elegant graphic solutions for architects + design professionals. Our objective is to help architecture practices create beautiful drawings in Revit while achieving efficiencies in the production of drawing information and in the delivery projects from conception through to final realisation.

As architects ourselves, we have experience in working with architecture and design studios that share our passion for producing beautiful graphic drawing output and imagery.

Our full custom graphic revit templates and resources are available to be downloaded from our website:

projectbyn.com

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