



Operation guide

Installation Instructions

1. Log on to Windows with in an account with the administrator rights.
2. Please close them if there are other running applications.
3. From the homepage, click on "Download" (<https://www.nyk-systems.co.jp/download>) and then click on "Rebro Viewer (Free)". Fill in the required information on the [Application Form] and submit it, and we will send you the download URL by email.
After unzipping the downloaded zip file, double-click "RebroViewerInstaller.exe" to launch the installer.
4. The necessary software (Microsoft Visual C++ v14 Redistributable Package) will be installed to start **RebroViewer**.
Note: In the user account control dialog, please select "allow to make changes".
5. Confirm the license agreement that appears and if you agree, select "I accept the terms in the license agreement" to left-click [Next].
Follow the on-screen instructions for installation.
6. When you start **RebroViewer** after completion of installation, the latest version will be checked on the Internet. If the latest version exists, a web updater will start.
Note: Select "allow to make changes" in the user account control dialog. Also, please allow communications for "RebroViewerUp.exe" if your security software interrupts Internet connections.

Uninstallation Instructions

Start [Start Menu]-[Control Panel]-[Program]-[Programs and Features].
Select [**RebroViewer**] and left-click [Uninstall].

Note: The setting file for each user remains on the computer so that it can be used even if **RebroViewer** is reinstalled. Delete the folders below when deleting the setting.

C: ¥User¥(Login user name)¥AppData¥Local¥NYK Systems¥RebroViewer_EN LocalData

System requirements

OS: Microsoft Windows 11

Graphics boards: :A graphics card capable of running DirectX 12 or DirectX 9 smoothly.

Note:If you are using InfiPoints cooperation, OpenGL 4.2 must also be able to run smoothly.

Display resolution: Full HD1920×1080 pixels or more

Internet connection environments: Required (for the web update)

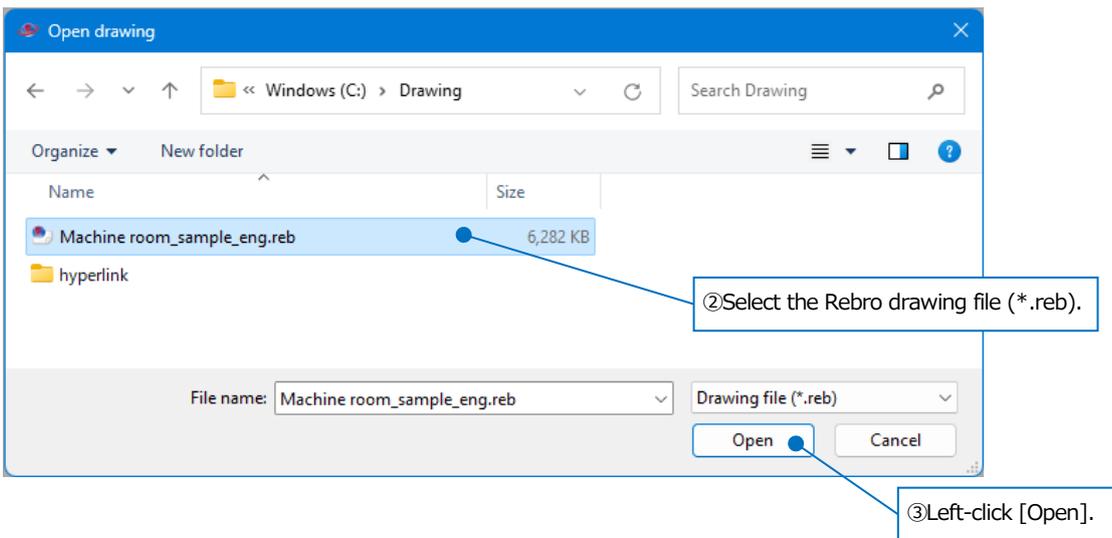
-**RebroViewer** is a free redistributable viewer.

-Always use the latest version of **RebroViewer**. If you use an older "Viewer" version than the "Rebro" on which the drawing was created, the "Viewer" may not correctly show the newly added functions to "Rebro".

-No individual support for **RebroViewer** is available.

1. Open a drawing

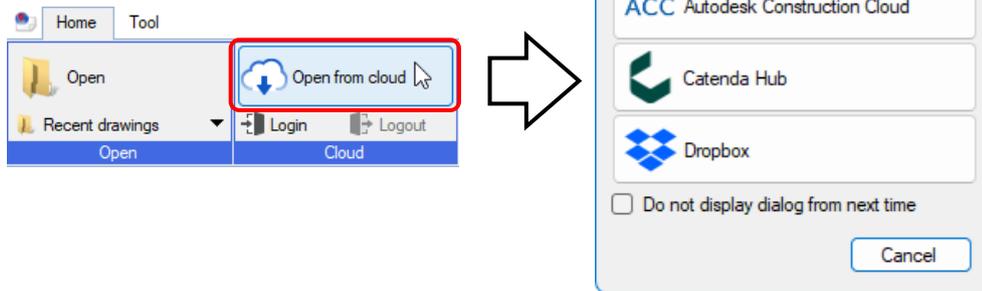
Open a Rebro drawing file.



Memo

The only file format that can be opened with RebroViewer is Rebro drawings (*.reb). From [Open from cloud], you can select the following cloud storage services to open drawing files.

- Box
- Autodesk Construction Cloud
- Catenda Hub
- Dropbox



2. Set up the displays

How to enlarge, reduce, or move screens

-Enlarge or reduce

You can enlarge or reduce a screen by rotating a wheel around the mouse position.

-Enlarge a specified area

Right-drag the area where you want to enlarge.

Note: Press End key to revert to the previous display area.

-Move a screen

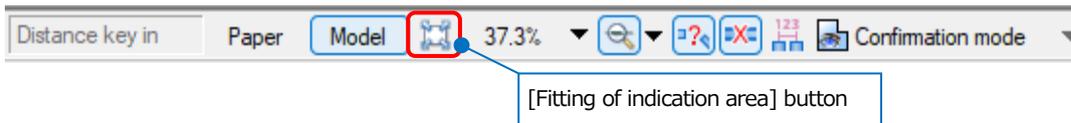
Press ↑ ↓ ← → keys.

Drag a wheel to move a screen.

Also, drag scroll bars that are placed on the right or bottom on a screen to move a screen.

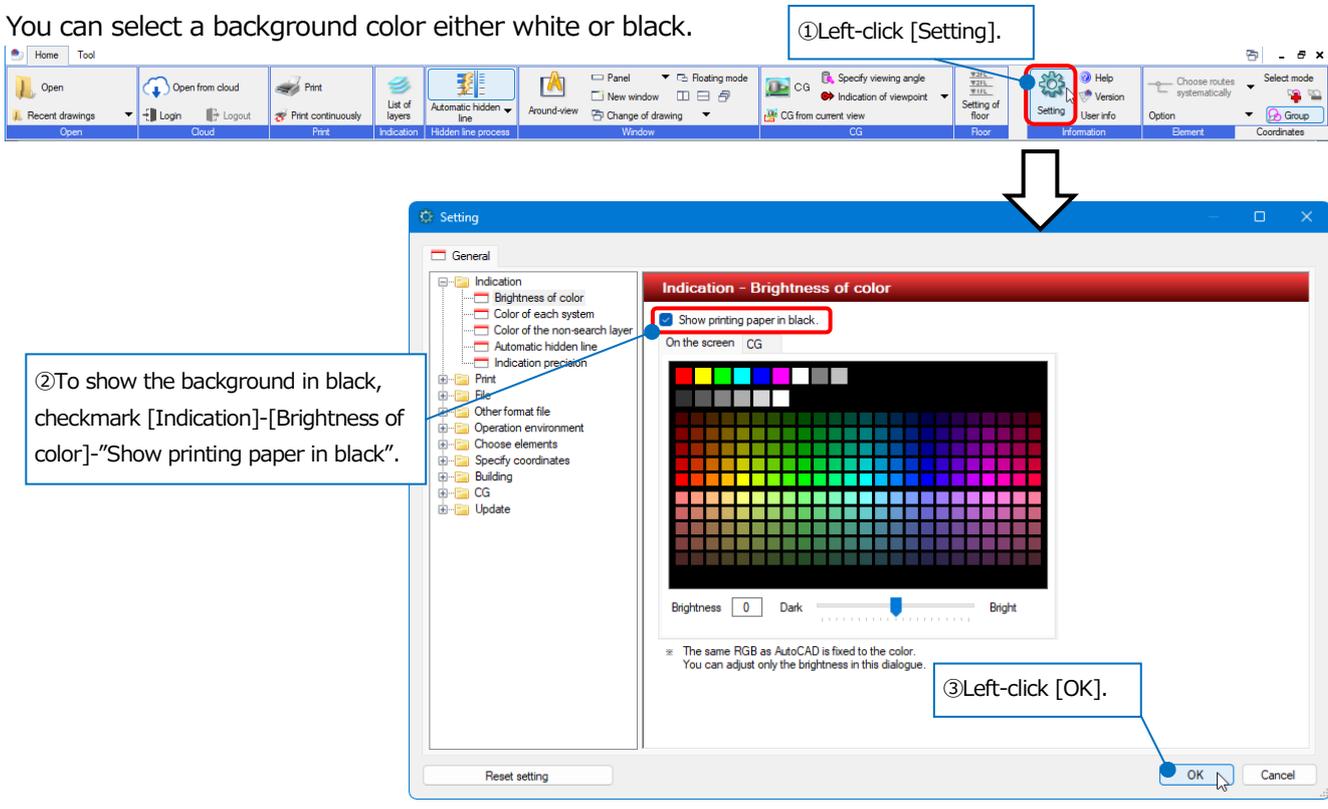
-Show entirely

Left-click [Fitting of indication area] button on the status bar, or press Home key.



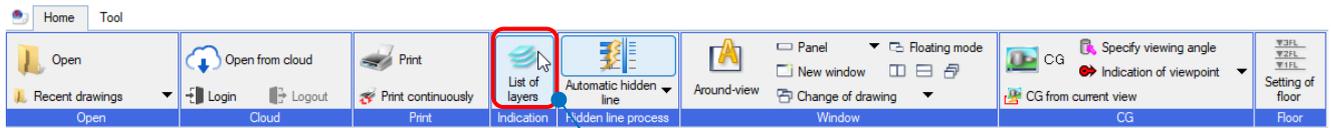
How to change a background color

You can select a background color either white or black.



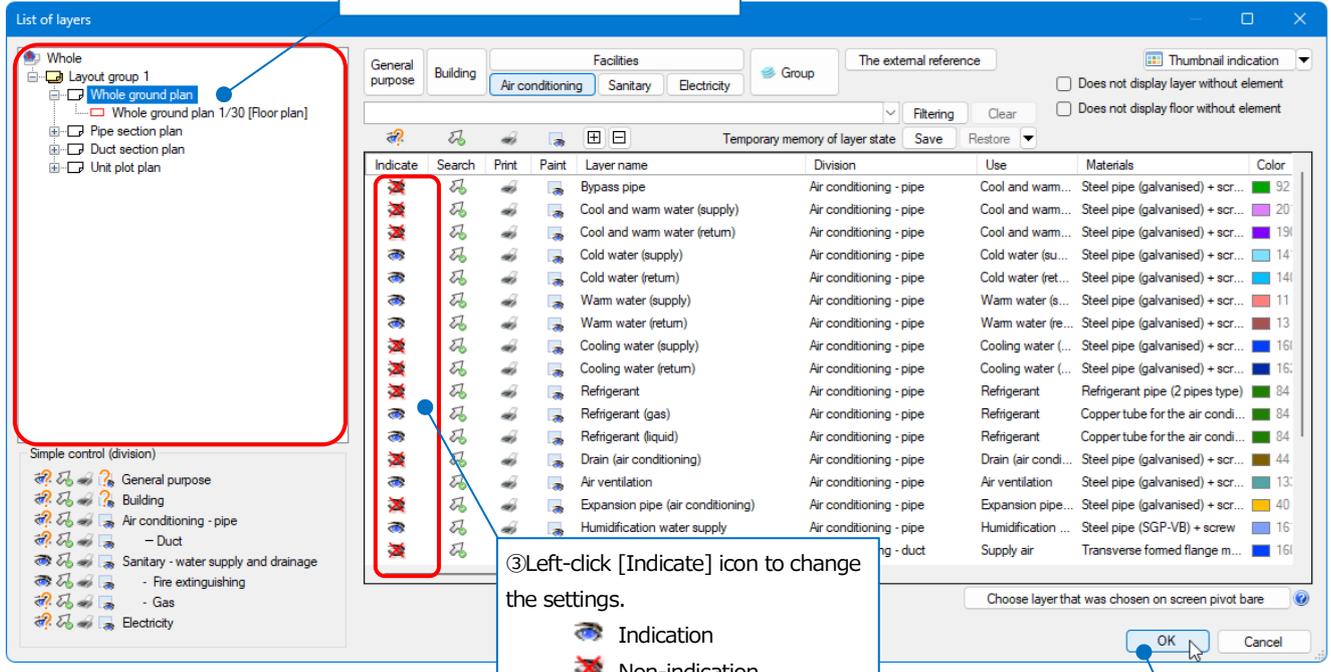
How to switch between layer displays

You can switch between Indication/Non-indication for each layer.



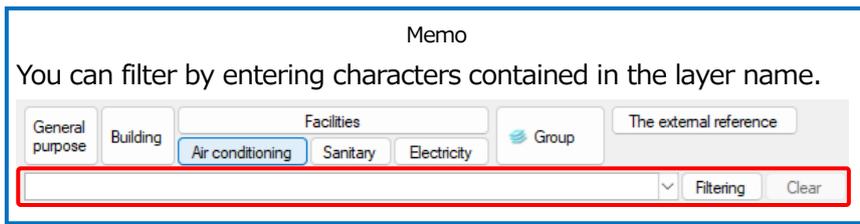
①Left-click [List of layers].

②Select the layout or view to switch between Indication/Non-indication.



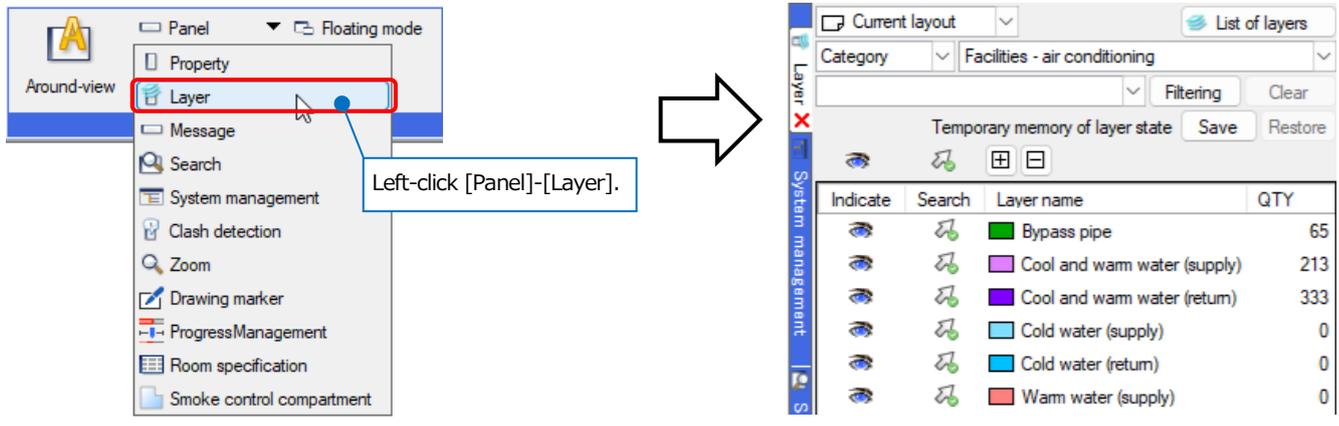
③Left-click [Indicate] icon to change the settings.
 Indication
 Non-indication

④Left-click [OK].



Memo
 You can filter by entering characters contained in the layer name.

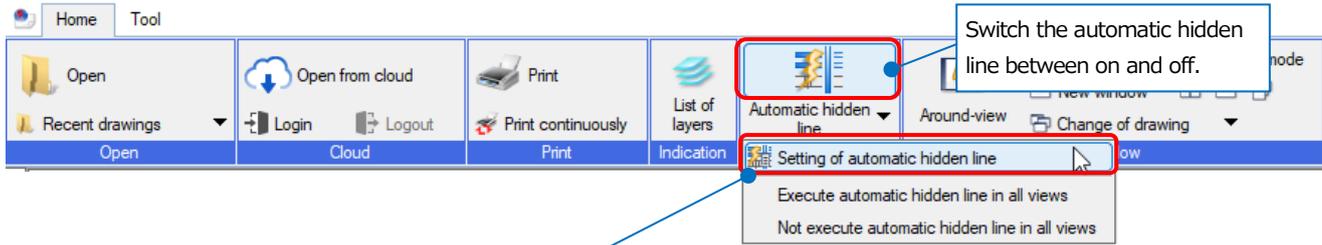
Also, you can operate it on the panel.



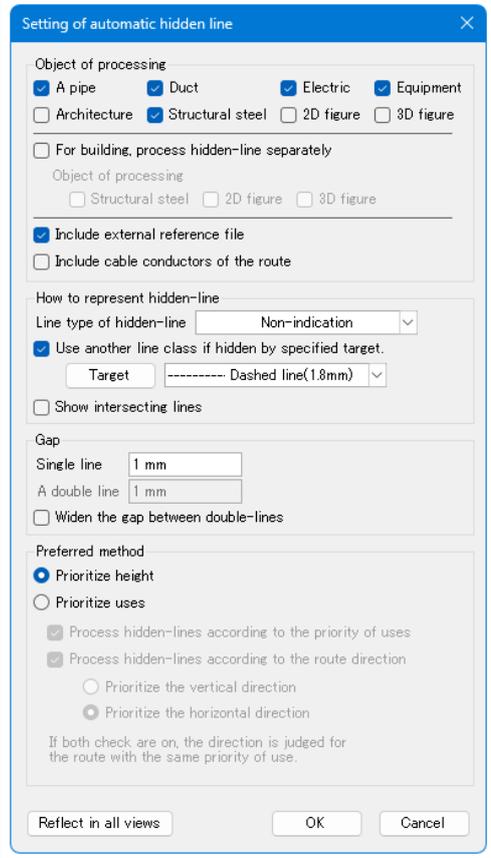
Left-click [Panel]-[Layer].

How to set up an automatic hidden line

If an automatic hidden line is set for the drawing that you want to open, the setting is reflected.

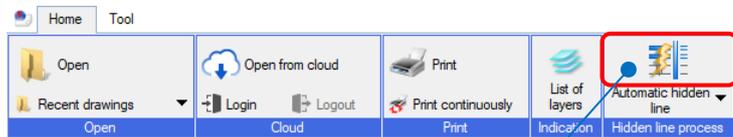


You can check or change the setting of automatic hidden line by [Automatic hidden line]-[Setting of automatic hidden line].



- Supplementary explanation

In the case that [Process hidden-line manually] is set for the drawing:



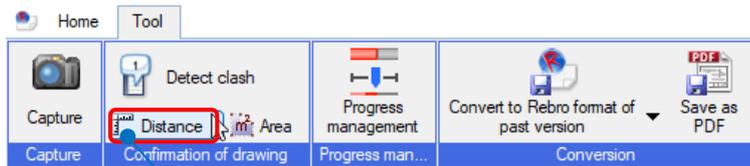
The hidden line process was performed but the automatic hidden line is in the OFF state.

When you apply an automatic hidden line to the drawing for which hand operated hidden line was set, Rebro changes the setting details to automatic hidden line. If you want to recheck the state of hand operated hidden line, open the drawing again.

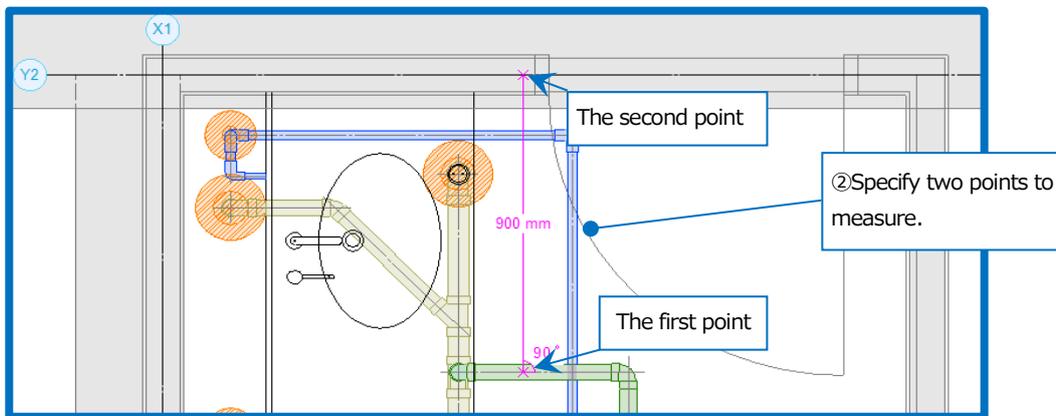
3. Check a drawing

How to measure a distance or an angle

You can determine a distance and coordinate values between the two specified points.



①Left-click [Distance].

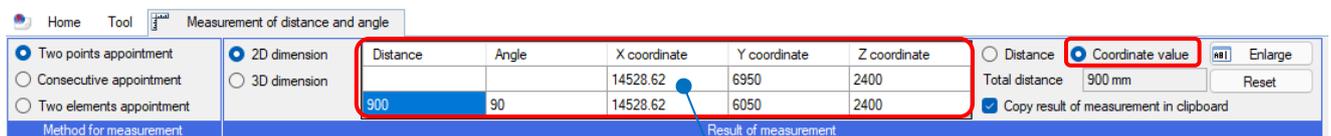


For [Distance]



The distance between two specified points appears in the result field.

For [Coordinate value]



The coordinate values and the distance between two specified points appear in the result field.

How to measure the area

Measure the area by specifying vertices.

① Left-click [Area].

② Specify all vertices to left-click [Decision] on the context menu(right click).

③ The measurement result appears on the ribbon.

How to check the floor height

You can check the floor height set in a drawing.

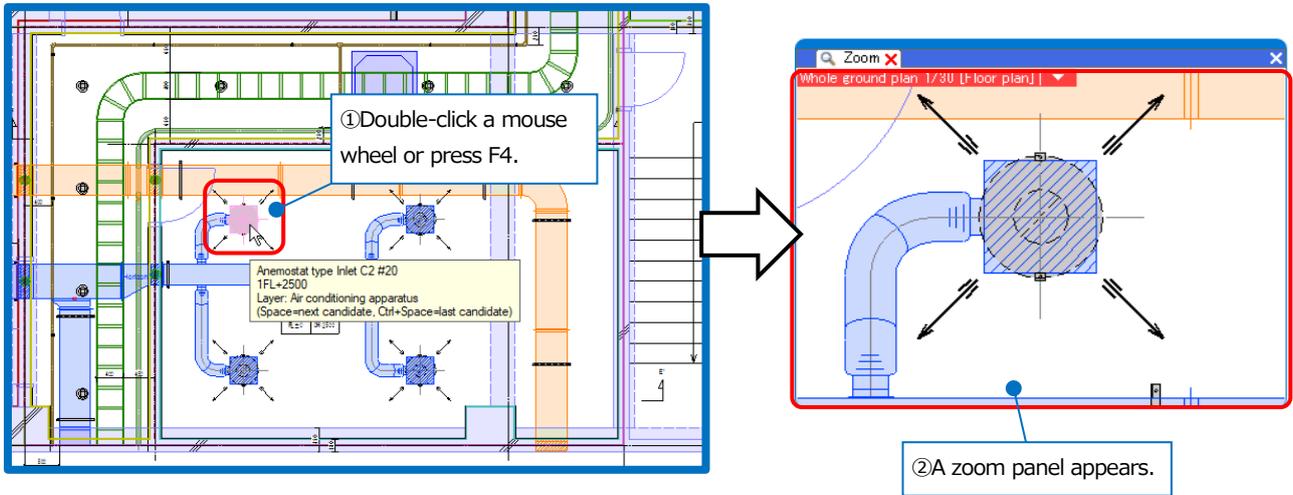
① Left-click [Setting of floor].

② The table of floor names and floor heights can be checked.

Floor name	Floor height	Z-coordinate value
RFL		19000
5FL	3800	15200
4FL	3800	11400
3FL	3800	7600
2FL	3800	3800
1FL	3800	0
GL	450	-450

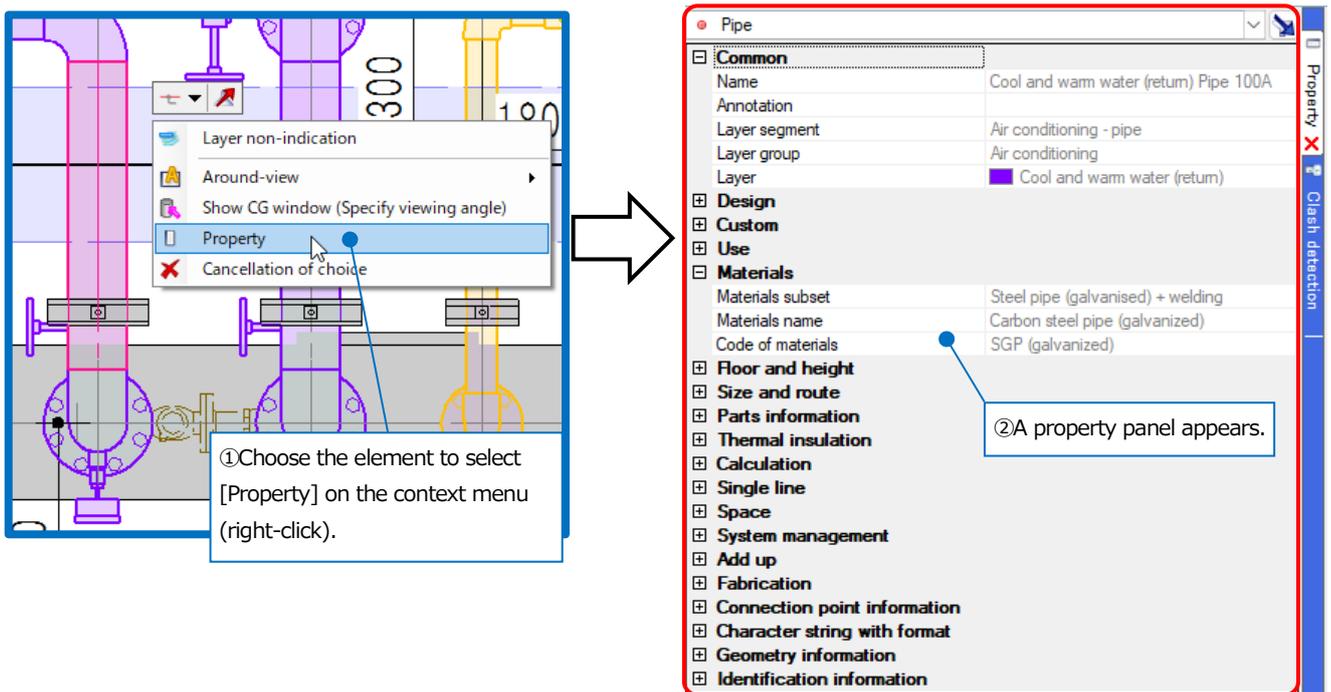
As for zoom panels

You can enlarge an area around a mouse pointer on a drawing.



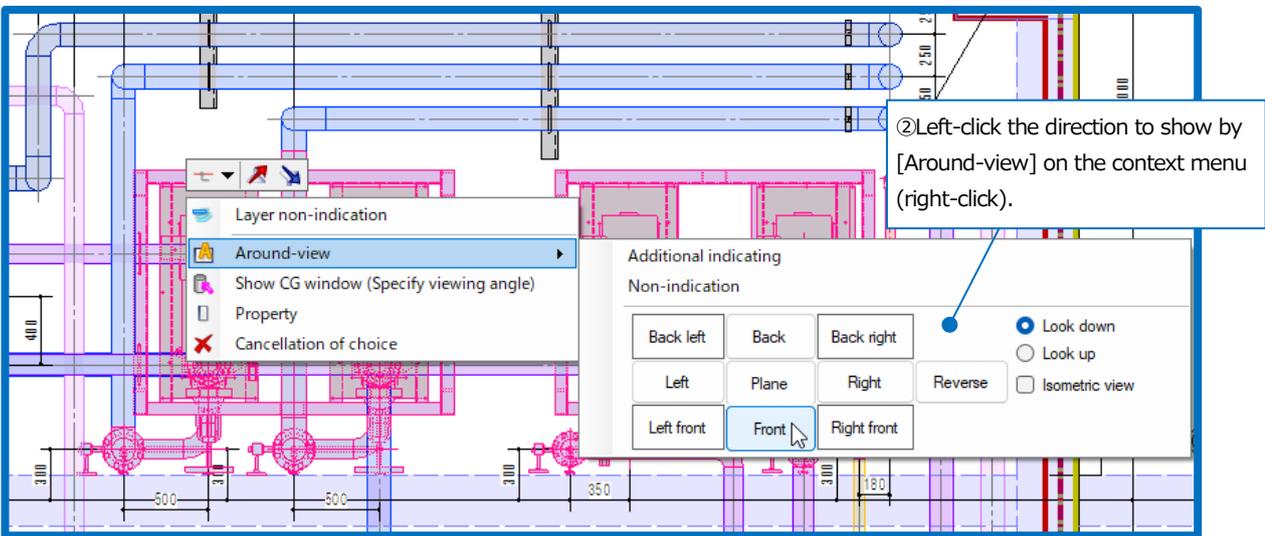
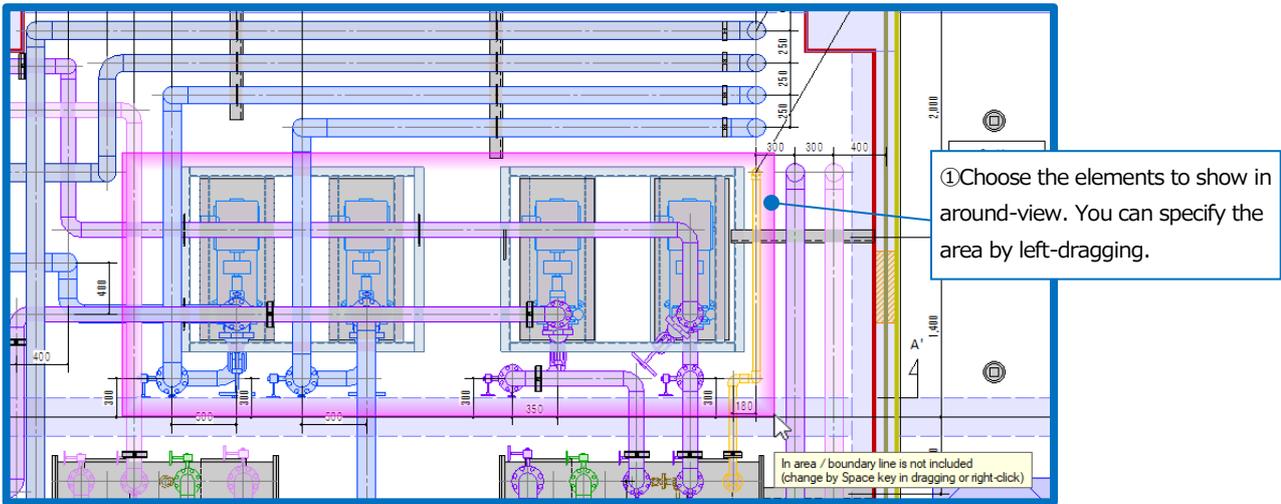
As for property panels

You can check attributes of an element.

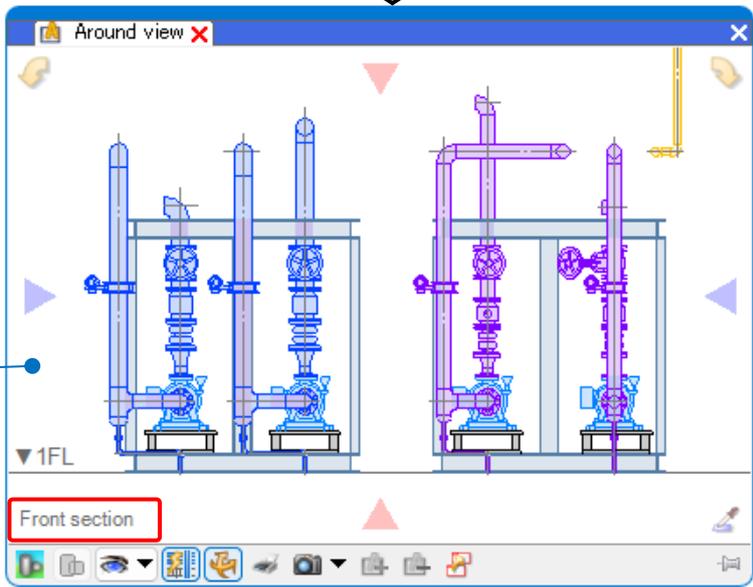


As for around-view

You can show the chosen elements from another direction.



③ An around-view in the specified direction appears.



You can switch the viewpoints in around-view.

You can rotate the around-view with the triangles that rotate to the axial direction or with the rotating arrows in the upper-left and upper-right.

Specify the direction to show. Left-click "Angle appointment", you can specify any azimuth and elevation angles.

You can change the viewpoint based on the azimuth set in [azimuth angle of reference]. It is automatically set according to the viewpoint of the view from which the element was selected when starting the around view.

Back left	Back	Back right	<input checked="" type="radio"/> Look down
Left	Plane	Right	<input type="radio"/> Look up
Left front	Front	Right front	<input type="checkbox"/> Isometric view
Reverse			

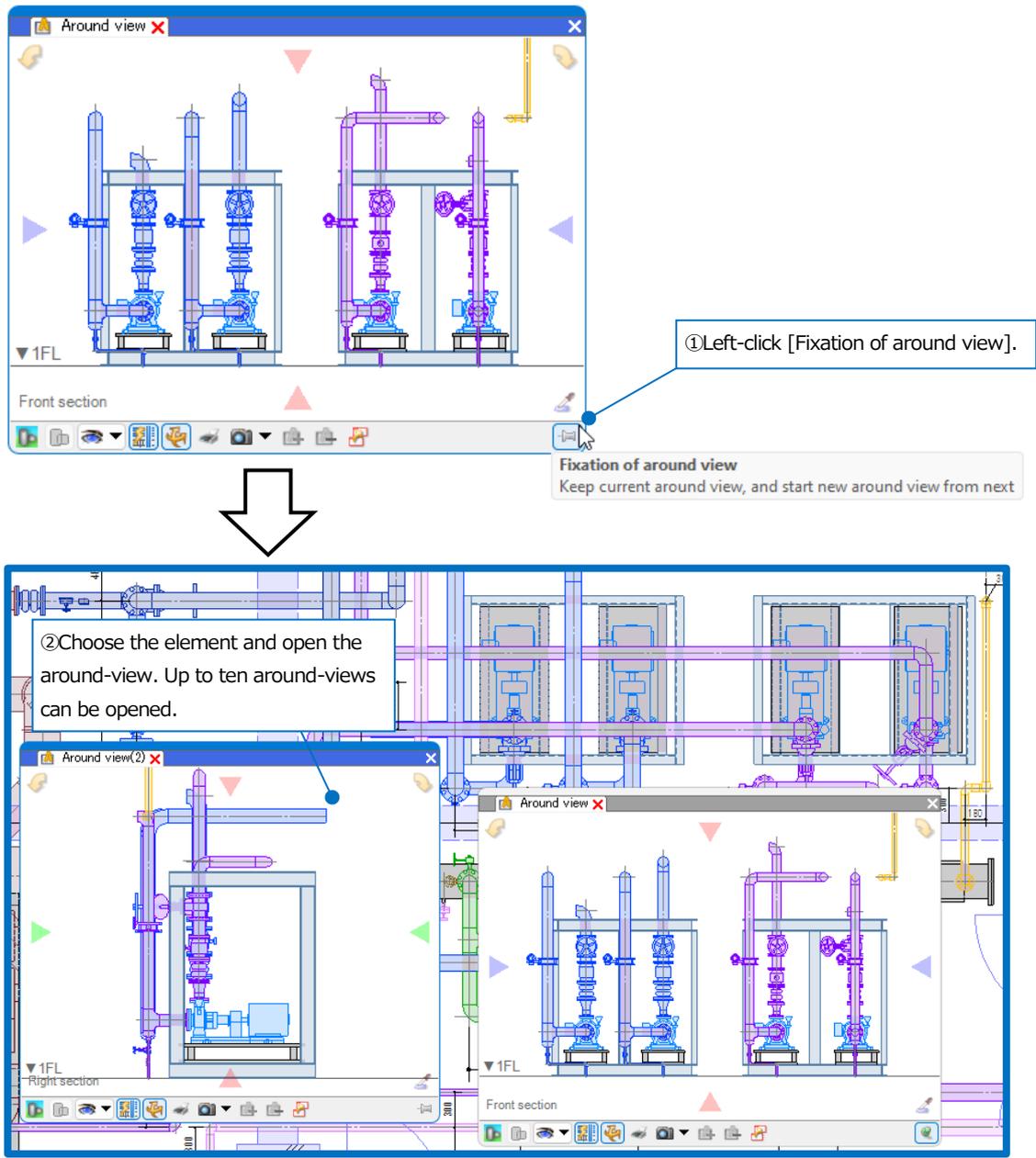
Angle appointment

azimuth angle of reference 0°

	<p>Left-click a pipette button and choose a line on the drawing to change the viewpoint according to the line angle.</p>
	<p>Switch around-view to CG display.</p>
	<p>Change transparency of CG display in around-view.</p>
	<p>Switch the expression of around-view.</p> <p>[Display or hide of element]: You can set up display or hide for each element type, and settings of CG transparency for around-view.</p> <p>[Display additionally]: You can switch display or hide for elements Only in a view or Across all floor plane-view.</p> <p>[Additional line]: You can switch display or hide for Indication of the grid, Grid line, Floor line, or Origin.</p> <p>[Single line/Double line]: You can switch between single-lines and double-lines in around-view.</p> <div data-bbox="352 1308 746 1850"> <p>Display or hide of element</p> <p>Display additionally</p> <p><input type="checkbox"/> Only in a view</p> <p><input type="checkbox"/> Across all floor plane-view</p> <p>Additional line</p> <p><input type="checkbox"/> Indication of the grid Setting</p> <p><input checked="" type="checkbox"/> Grid line</p> <p><input checked="" type="checkbox"/> Floor line</p> <p><input type="checkbox"/> Origin</p> <p>Single line/Double line</p> <p><input type="radio"/> Double line indication</p> <p><input type="radio"/> Single line indication</p> <p><input checked="" type="radio"/> As original</p> </div>
	<p>Switch the automatic hidden line between on and off.</p>
	<p>In the ON state, right-drag a mouse to turn the around-view. Choosing an element allows you to turn the around-view around the chosen element.</p>

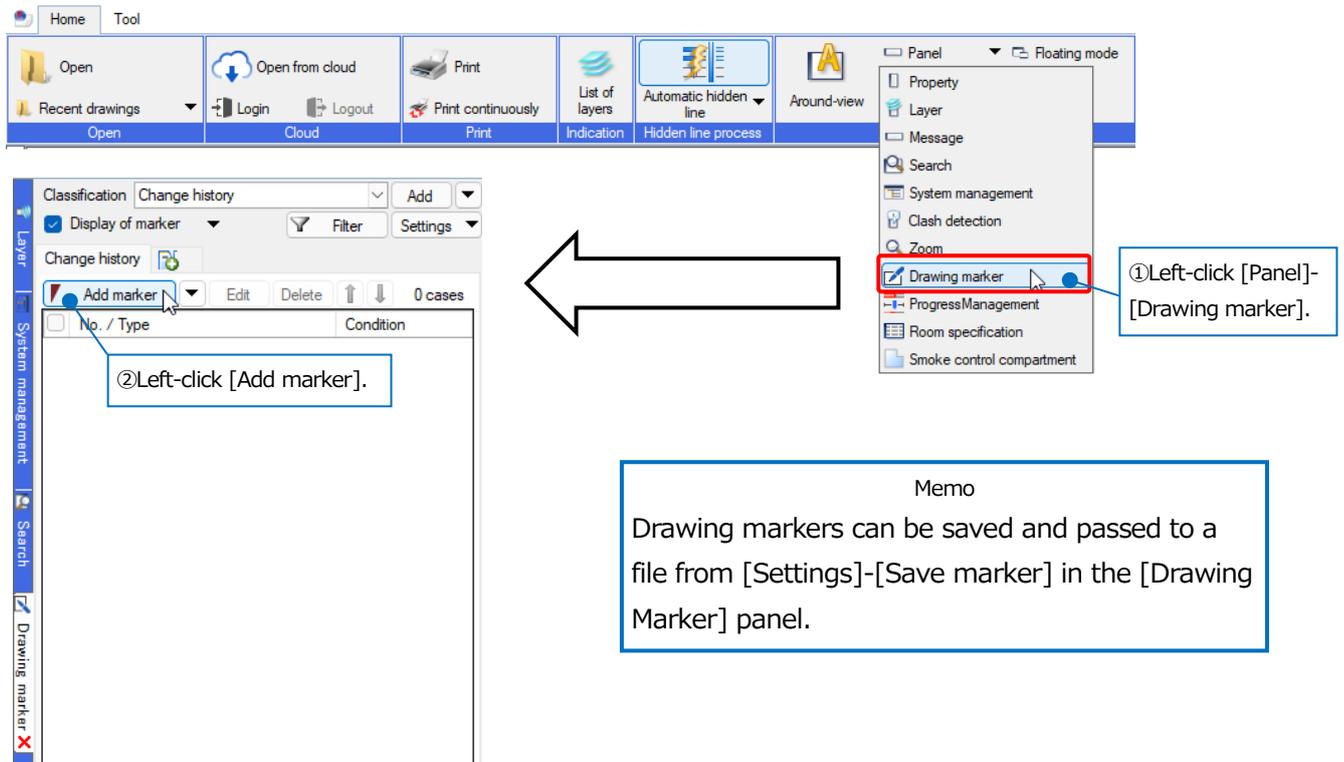
	Print the around-view.
	Save the image as an image file. [Save in file]: You can save the images into BMP, JPEG, GIF, TIFF, and PNG image format. [Save in clipboard]: You can paste the images onto Word or Excel. [Send by email]: You can send the saved images by e-mail. Left-click [Setting of email sending point] to enter an email address, subject, and main text. [Setting the resolution]: You can set the resolution for a captured image.
	Display additionally the selected element on the current around-view.
	Hide the selected element on the current around-view.
	Start an around-view in the same state of display.

You can start multiple around-views.

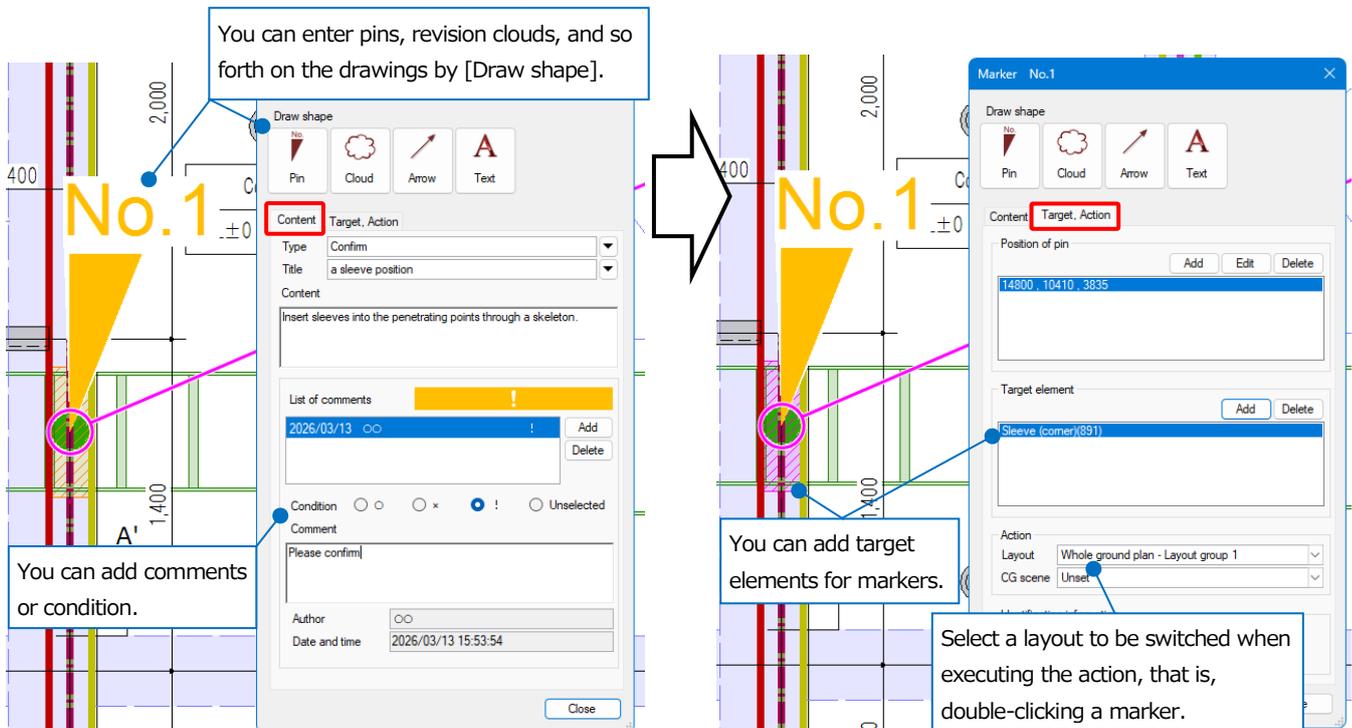


Drawing marker

You can add, edit, delete, etc., markers on the drawing. Shapes can be entered for each marker to annotate the drawing, and comments can be added to write instructions.

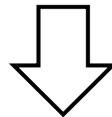
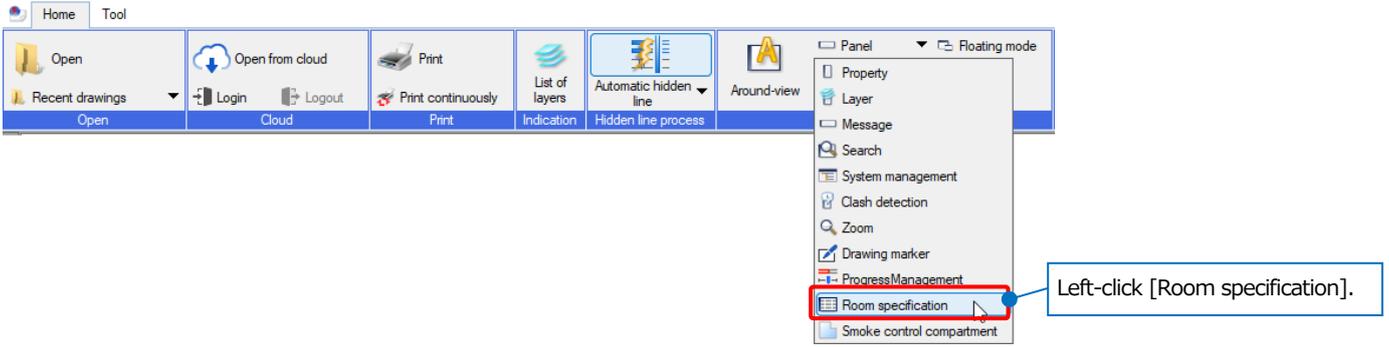


[Marker] dialog box appears, allowing you to enter shapes on the drawing, as well as marker titles, descriptions, and comments. When you switch to [Target, Action] tab and add target elements of the marker, Rebro can also rubber-display target elements of the selected marker.



Room specification

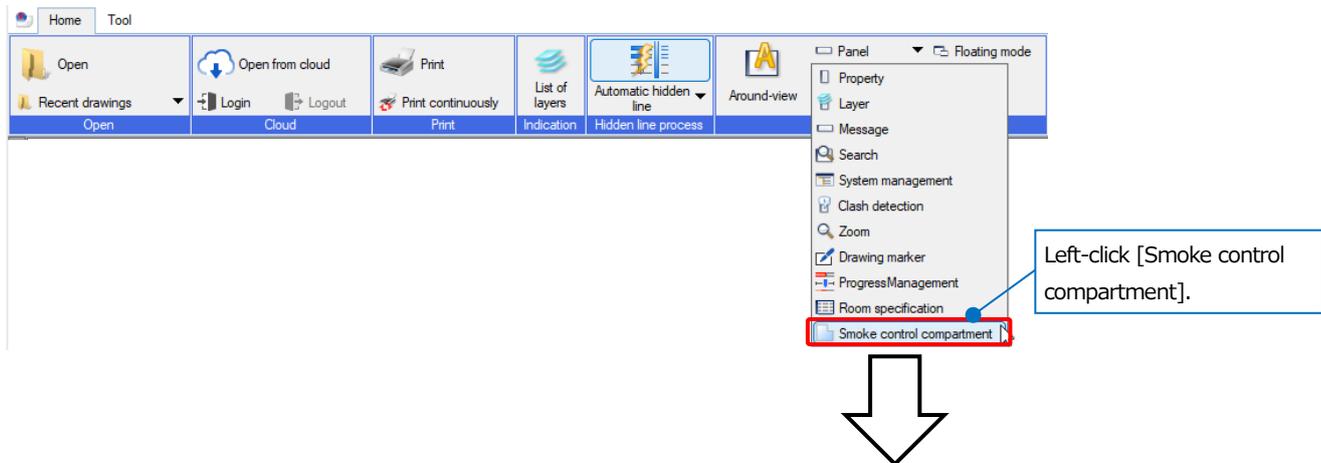
When you open a drawing with room specifications set, Rebro can show a list of information about the rooms in the drawing and the equipment placed in the rooms.



Group	Floor name	Room name	Ceiling height of ...	Room area	Room volume	Equipment num...	Model number	Name	Number of unit
1FL	1FL	Electric room	4950	21.45	106.18	CUB-1	900W×800L×(16...	Cubicle indoor typ...	1
						CUB-2	900W×800L×(16...	Cubicle indoor typ...	1
						CUB-3	900W×800L×(16...	Cubicle indoor typ...	1
						CUB-4	900W×800L×(16...	Cubicle indoor typ...	1
						CUB-5	900W×800L×160...	Cubicle indoor typ...	1
1FL	1FL	Corridor	2500	30.55	76.37	PAC-1	45 type	4 direction casset...	2

Smoke control compartment

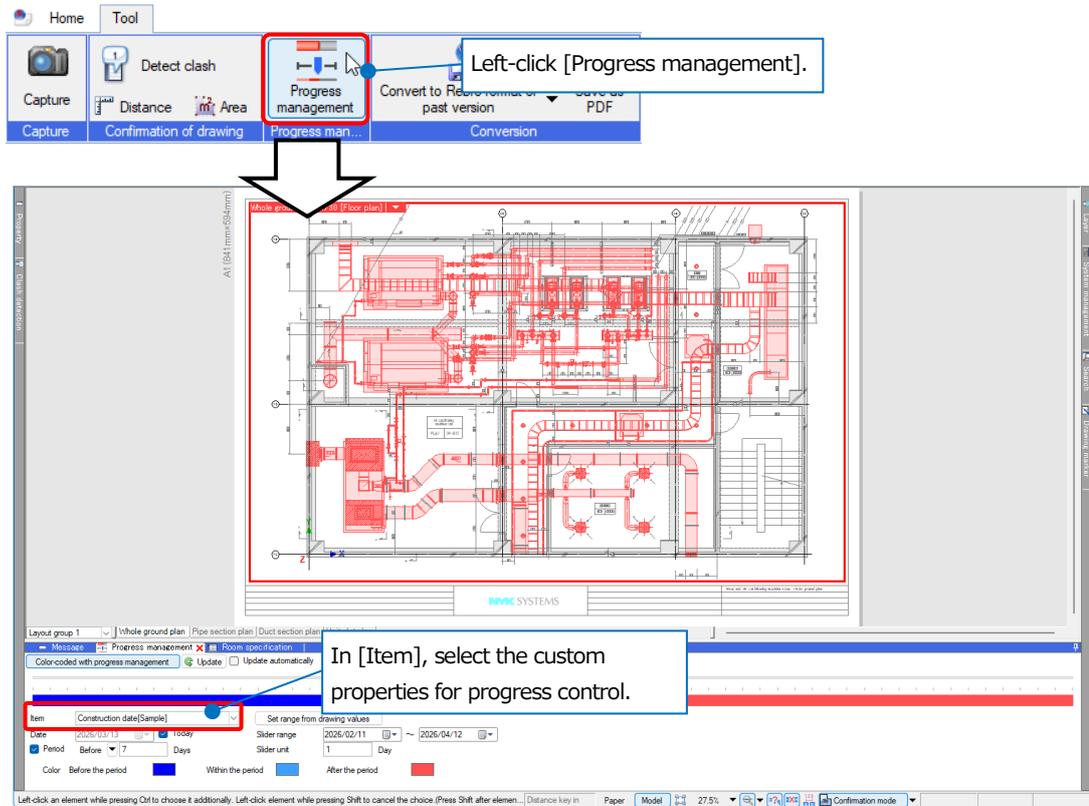
When you open a drawing in which a smoke control compartment has been set, you can check the smoke exhaust air volume and the effective opening area of the installed smoke inlet/outlets.



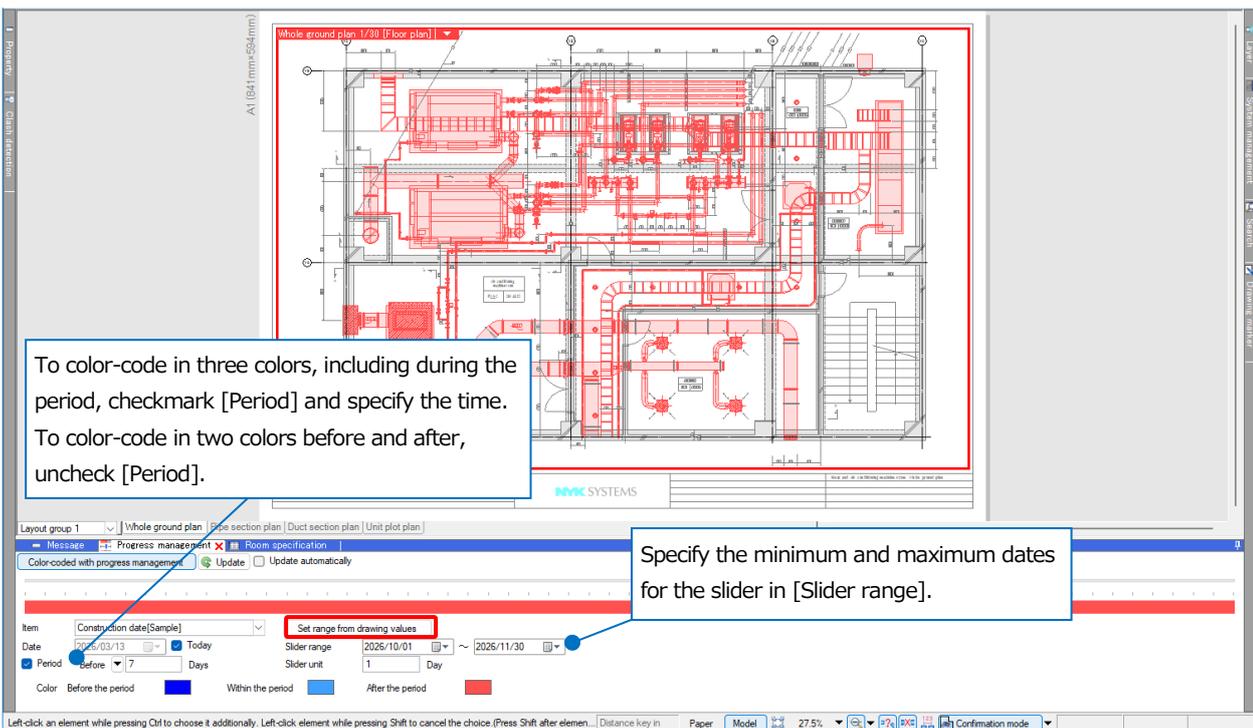
Name		Smoke control compartment				Smoke inlet/outlet selection				Smoke inlet/outlet			
Floor name	Compartment name	Adjacent compartment	Synchronous opening compartment	Reference room	Area [m ²]	Air volume [m ³ /h]	Install	Air velocity [m/s]	Effective area [m ²]	Opening ratio	Smoke inlet/outlet size	Install count	Effective area [m ²]
2FL	Room1	Room2	Room3	Room1	4.00	300	Do	10	0.007	0.58	300x300	1 pts	0.052
	Room2	Room1, Room3		Room2	4.00	300	Do	10	0.007	0.58	300x300	1 pts	0.052
	Room3	Room2, Room4	Room1	Room3	4.00	300	Do	10	0.007	0.58	300x300	1 pts	0.052
	Room4	Room3		Room4	4.00	300	Do	10	0.007	0.58	300x300	1 pts	0.052
1FL	Room5	Room6		Room5	8.00	500	Do	10	0.014	0.58	300x300	1 pts	0.052
	Room6	Room5, Room7		Room6	4.00	300	Do	10	0.007	0.58	300x300	1 pts	0.052
	Room7	Room6		Room7	4.00	300	Do	10	0.007	0.58	300x300	1 pts	0.052

Progress management

When you open a drawing with a construction date (date) set as custom properties, Rebro can color-code and show it before the reference date or after; or before the period, during, or after.



Decide on [Period] or [Slider range] to be checked in progress control. When you left-click [Set range from drawing values], Rebro gets the date set in [Item] on the whole drawing; and sets again the minimum value to the slider's start date and the maximum value to the end value.



In [Date], enter a date that will be the reference for progress management. When you turn on [Color-coded with progress management], all elements are color-coded according to the specified date. Checkmark [Update automatically] and move a slider to update the date and the color-coding on the drawing automatically.

Elements on the drawing are color-coded based on progress control settings.

If [Today] is unchecked, you can enter a reference date for progress management in [Date].

When you turn on [Color-coded with progress management], Rebro enables [Confirmation mode]-[Progress management] and color-codes the elements. *See also page 16 for "Confirmation mode".

Color-coded with progress management Update Update automatically

Item Construction date[Sample] Set range from drawing values
 Date 2026/10/24 Today Slider range 2026/10/01 ~ 2026/11/30
 Period Before 7 Days Slider unit 1 Day
 Color Before the period Within the period After the period



If you checkmark [Update automatically], Rebro automatically updates the color-coding of a confirmation mode on the drawing when progress management settings are changed. If you uncheck it, the color-coding in the confirmation mode on the drawing will be updated when you press [Update].

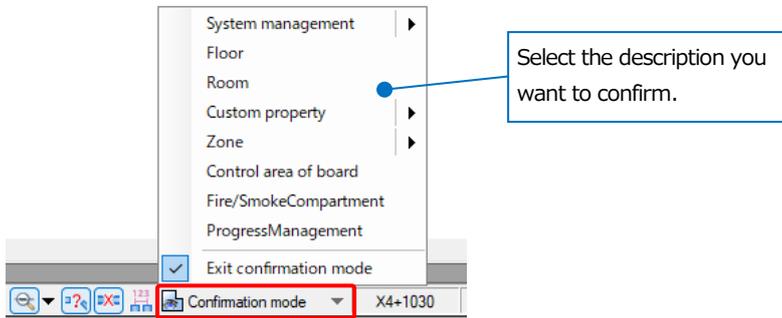
As you move the slider, the date is updated and the color-coding is also updated.

Color-coded with progress management Update Update automatically

Item Construction date[Sample] Set range from drawing values
 Date 2026/11/14 Today Slider range 2026/10/01 ~ 2026/11/30
 Period Before 7 Days Slider unit 1 Day
 Color Before the period Within the period After the period

As for confirmation mode

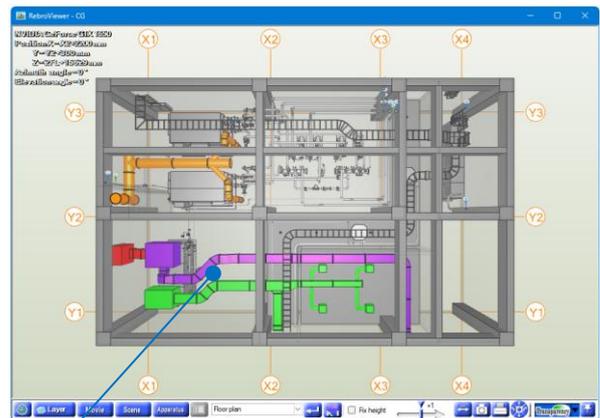
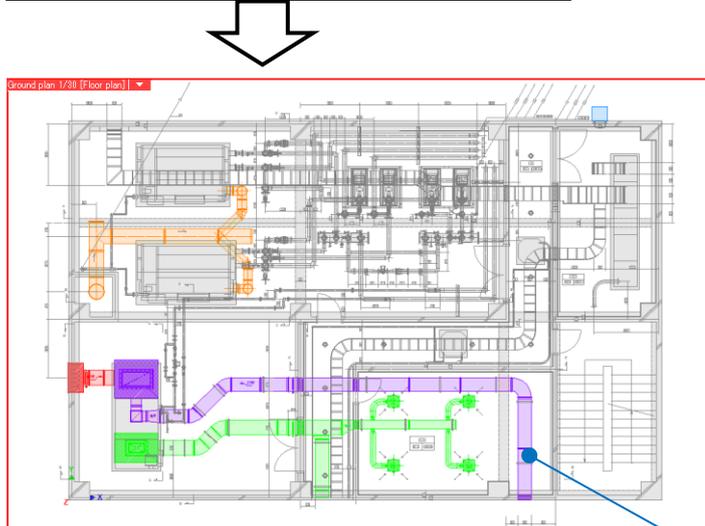
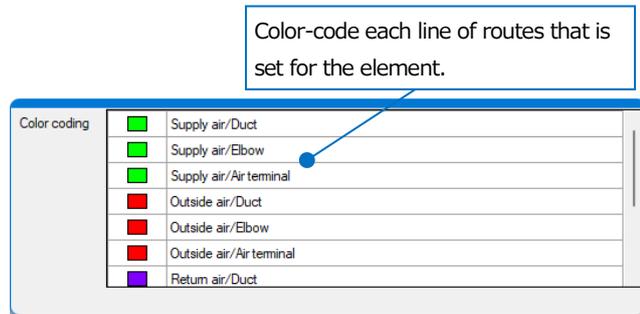
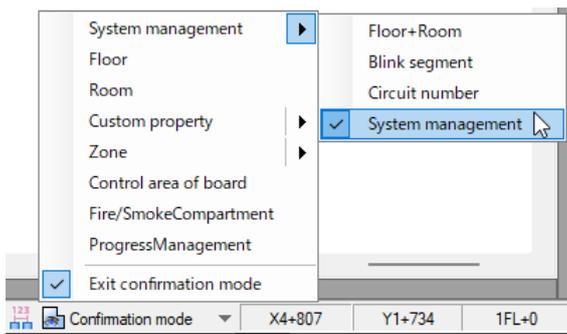
In the case that System management, Room, Custom property, etc. are set, you can left-click [Confirmation mode] to color-code and show drawings or CGs.



For Color-coding, Custom property, Zone type, etc., confirm at "▼" next to the "Confirmation mode" icon.

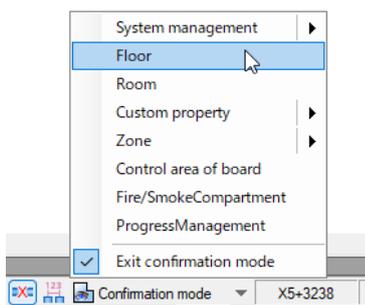
To exit a confirmation mode and return to the original colors, left-click [Confirmation mode]-[Exit confirmation mode].

Confirm system management



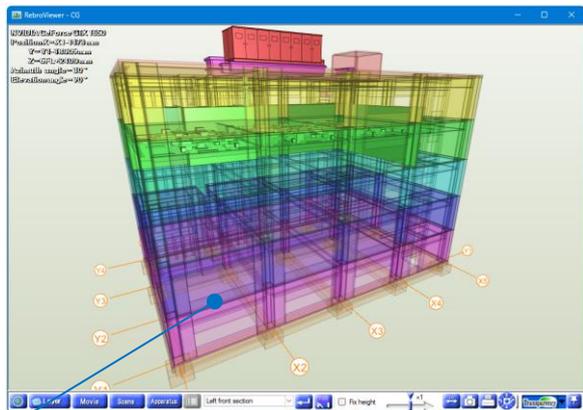
Each line of routes that is set for the element will have a color.

Confirm each floor



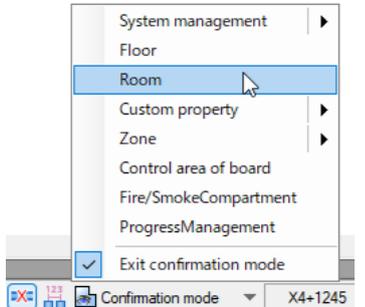
Color-code each floor.

Color coding	
■	RFL
■	5FL
■	4FL
■	3FL
■	2FL
■	1FL
■	GL



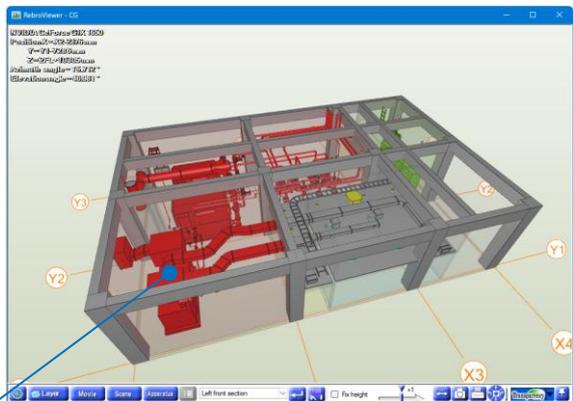
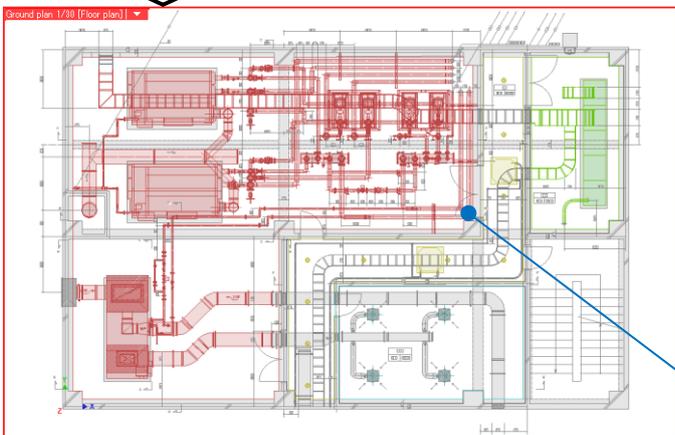
Elements will be colored for each reference floor.

Confirm each room



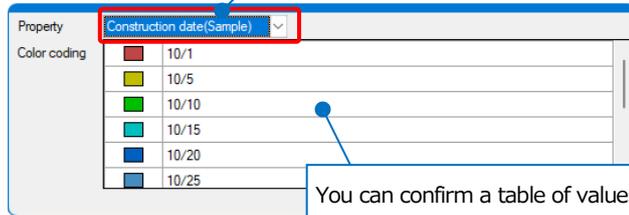
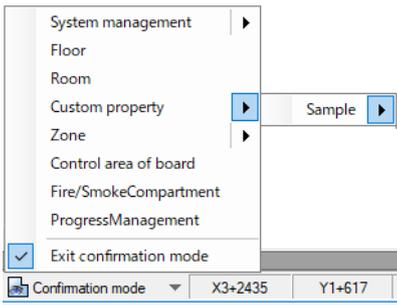
Element included in the selected room will be colored.

Color coding	
■	Air conditioning machine room
■	Locker room
■	Electric room
■	Corridor



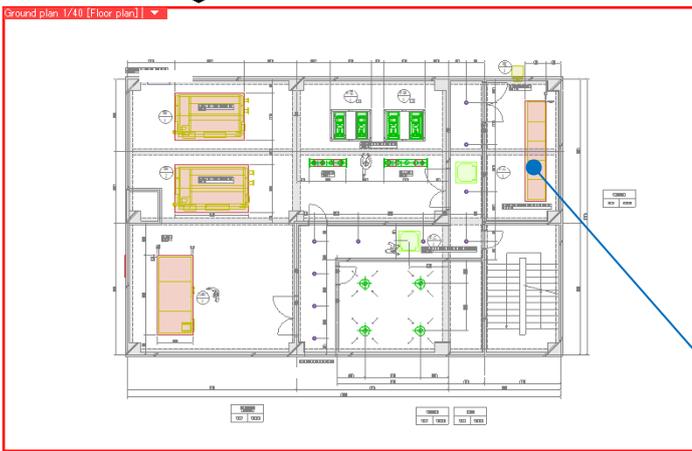
Each room that is set will have a color.

Confirm custom property



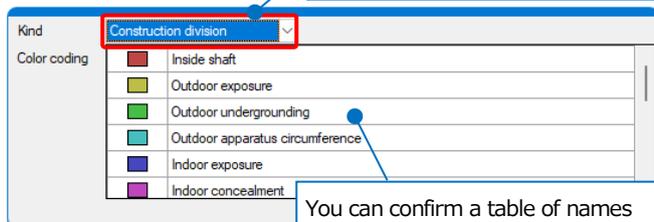
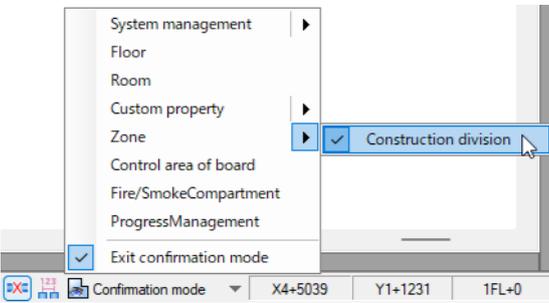
Select the property. The display is color-coded for each description of the property.

You can confirm a table of values and colors that are set for the property.



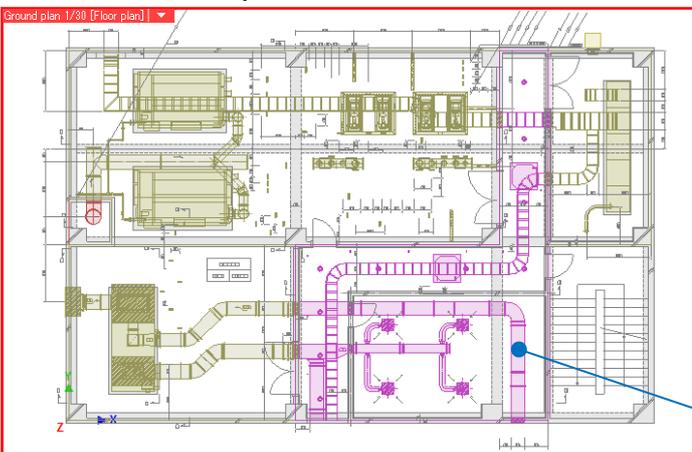
The element for which you set custom properties will be colored.

Confirm each zone



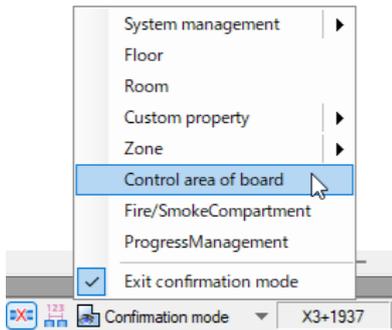
Select one in the types you set. Each type will be color-coded.

You can confirm a table of names and colors that are set for the zone.



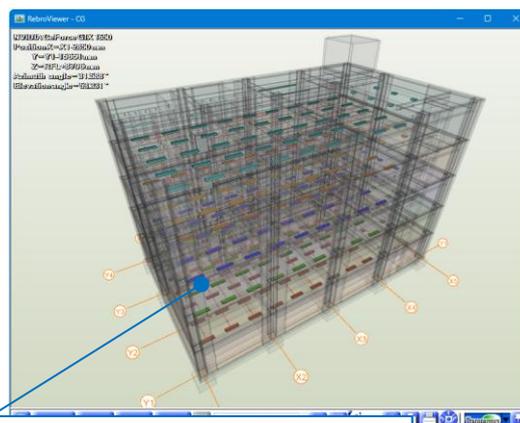
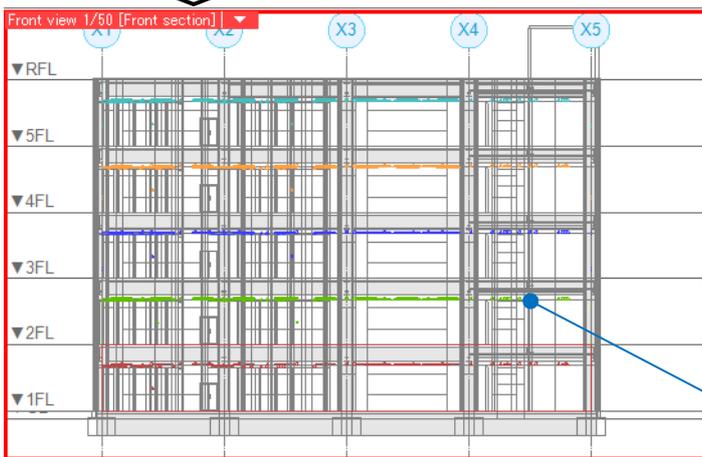
Element within the zone will be colored.

Confirm control area of board



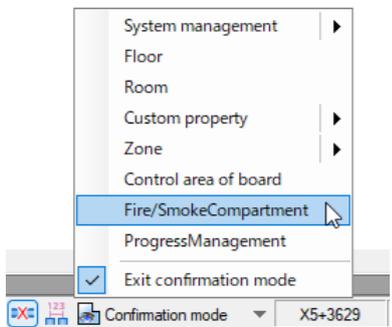
Color coding	
■	1L-1
■	2L-1
■	3L-1
■	4L-1
■	5L-1

Color-code each board name.



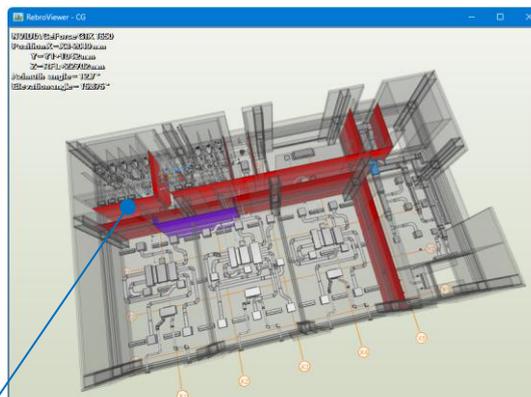
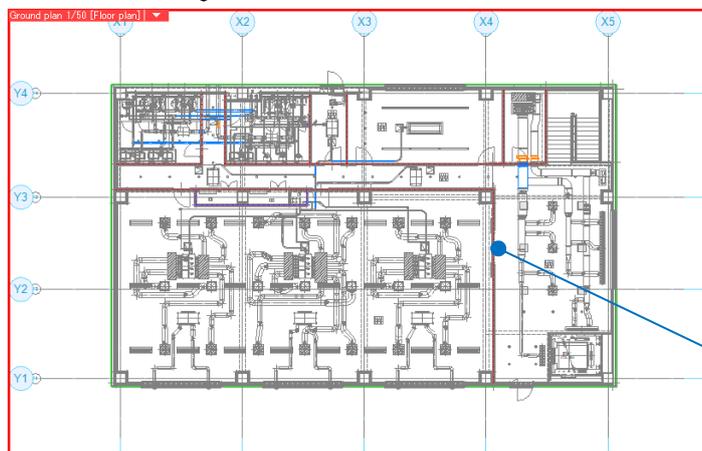
The element connected to the board within the control area will be colored.

Check fire/smoke compartment



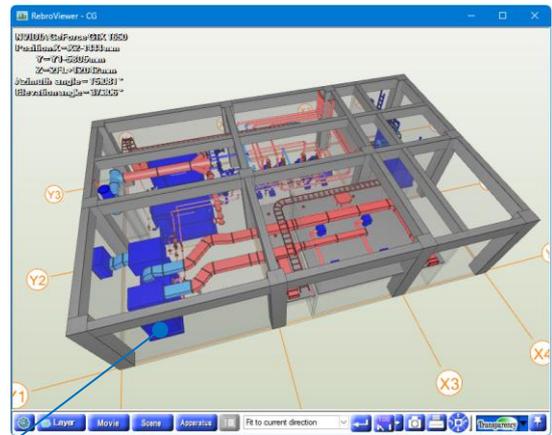
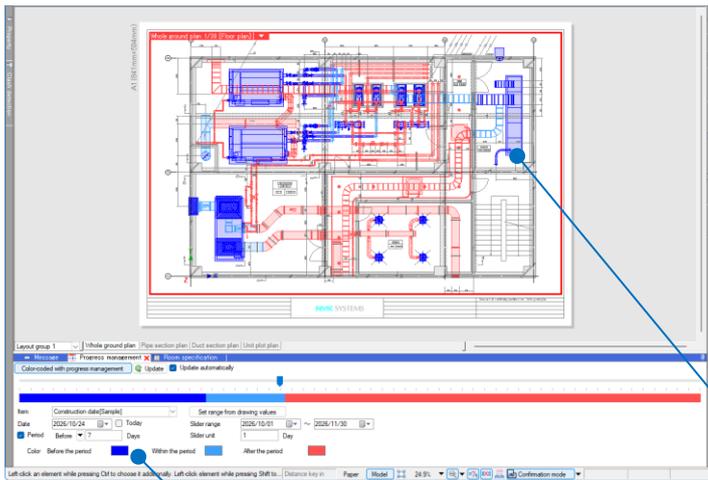
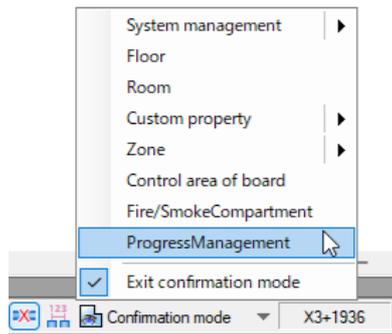
Color coding	
■	Area division
■	Article 114 division
■	Vertical division
■	Fire spread area
■	Different purpose compartment
	High rise compartment
	Main partition wall for fireproof

Color-code each type of divisions.



You can color fire/smoke compartments, penetration of fire protection compartments, routes on penetration parts, and dampers.

Confirm progress management



Elements with the selected property descriptions in progress management will be colored.

Elements are color-coded and shown according to the settings on a [Progress management] panel. Left-click a rectangle in the area where the color is shown to change the color.

A screenshot of the 'Progress management' panel. The panel shows a color-coded legend with three categories: 'Before the period' (blue), 'Within the period' (red), and 'After the period' (green). The 'Period' is set to 'Before' with a value of 7. The 'Date' is set to '2026/10/24'. The 'Item' is set to 'Construction date[Sam]'. The 'drawing values' section shows a date range from '2026/10/01' to '2026' with a 'Day' unit.

How to detect clashes

You can confirm the clash detection results by opening the drawing for which Rebro detected clashes.

Left-click [Detect clash].

Need to execute detect clash and editing / output (Excel-CG) of detect clash result in Rebro.

Position of interference List of exclusion
Number of shown clashes(19) / The number of clashes(19)

NO.	Element name	Element name	Contents	X	Y	Z
1	City gas Pipe 80A	Beam 350×700H	Lack of Separation			
2	City gas Pipe 80A	Floor 150H	Clash			
3	Smoke control D...	Smoke control D...	Clash			
4	Smoke control D...	Smoke control D...	Clash			
5	Smoke control D...	Smoke control D...	Clash	X2-2604		
6	Smoke control D...	Smoke control D...	Clash			
7	Smoke control D...	Smoke control D...	Clash			
8	Cooling water (ret...	Fitting for pipe fab...	Clash			
9	Cooling water (su...	Floor 150H	Clash			
10	Expansion pipe (a...	Floor 150H	Clash			
11	Cooling water (su...	Floor 150H	Clash			
12	Cool and warm w...	Floor 150H	Clash			
13	Cooling water (ret...	Floor 150H	Clash			
14	Cooling water (ret...	Beam 350×700H	Lack of Separation			
15	Cooling water (ret...	Floor 150H	Clash			
16	Cool and warm w...	Beam 350×700H	Lack of Separation			
17	Cool and warm w...	Floor 150H	Clash			
18	Thick conduit pip...	Floor 150H	Clash			
19	Cable rack 400×70	Floor 150H	Clash	X4-2195		

[Clash detection] panel

Balloons of the appropriate color appear at the points of clash or lack of separation.
Left-click the clash number on the panel to change the balloon color with the same number.

On the drawing, switch between balloon shapes, or Indication/Hide for the points of clash or lack of separation.

Position of interference List of exclusion
Number of shown clashes(19) / The number of clashes(19)

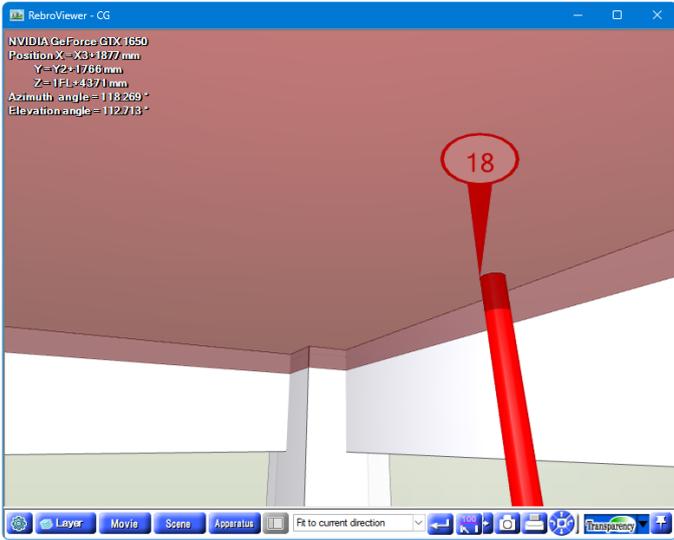
Filter

NO.	Element name	Element name	Contents	X	Y	Z	The quantity of clashes (upper)	The quantity of clashes (lower)
1	City gas Pipe 80A	Beam 350×700H	Lack of Separation	X1+350	Y2+1725	1FL+4139		
2	City gas Pipe 80A	Floor 150H	Clash	X1+394	Y2+1733	2FL+0	1723	150
3	Smoke control D...	Smoke control D...	Clash	X2-2810	Y2+3049	1FL+3870	284	284
4	Smoke control D...	Smoke control D...	Clash	X2-2810	Y2+2668	1FL+3864	378	378
5	Smoke control D...	Smoke control D...	Clash	X2-2604	Y2+2843	1FL+3732	263	263
6	Smoke control D...	Smoke control D...	Clash	X2-2525	Y2+2644	1FL+3942	419	419
7	Smoke control D...	Smoke control D...	Clash	X2-2525	Y2+3056	1FL+3658	412	412
8	Cooling water (ret...	Fitting for pipe fab...	Clash	X2-1793	Y3-1513	1FL+2149	38	2
9	Cooling water (su...	Floor 150H	Clash	X3-951	Y3-851	2FL+0	1304	151
10	Expansion pipe (a...	Floor 150H	Clash	X3-970	Y3-1498	2FL+0	1373	151
11	Cooling water (su...	Floor 150H	Clash	X3-951	Y3-1101	2FL+0	1240	151
12	Cool and warm w...	Floor 150H	Clash	X3-651	Y3-1549	2FL+0	1264	151
13	Cooling water (ret...	Floor 150H	Clash	X3-951	Y3-699	2FL+0	1304	151
14	Cooling water (ret...	Beam 350×700H	Lack of Separation	X3-1000	Y3-400	1FL+4348		
15	Cooling water (ret...	Floor 150H	Clash	X3-951	Y3-449	2FL+0	1304	151
16	Cool and warm w...	Beam 350×700H	Lack of Separation	X3-400	Y3-1500	1FL+4368		
17	Cool and warm w...	Floor 150H	Clash	X3-351	Y3-1451	2FL+0	1264	151
18	Thick conduit pip...	Floor 150H	Clash	X4-2169	Y2+490	2FL+0	1646	151
19	Cable rack 400×70	Floor 150H	Clash	X4-2195	Y3-1540	2FL+0	1331	151

Left-click the list to check the quantity of clashes at the clash points.

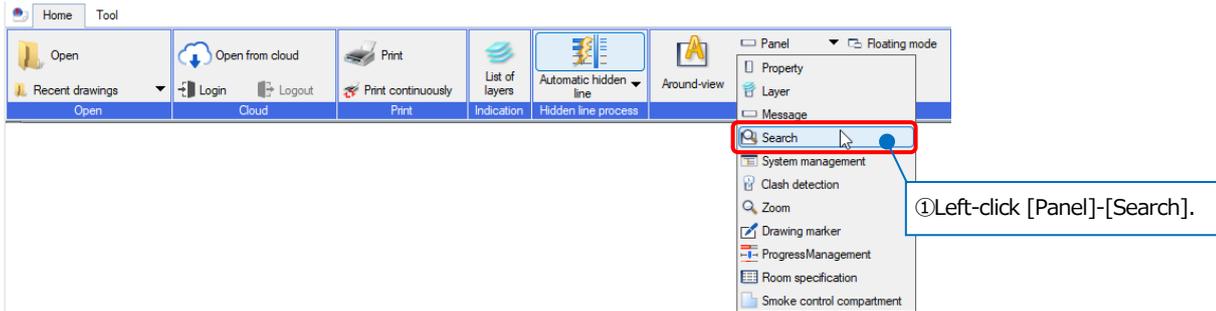
RebroViewer

When you double left-click the table or balloon, CG screen appears and brings the viewpoint close to the clash point.



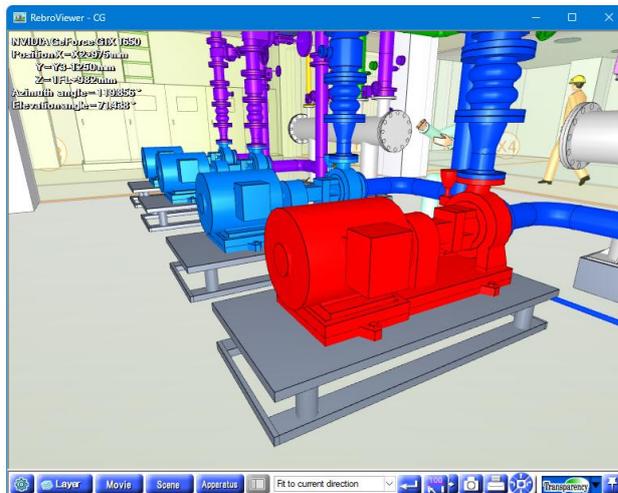
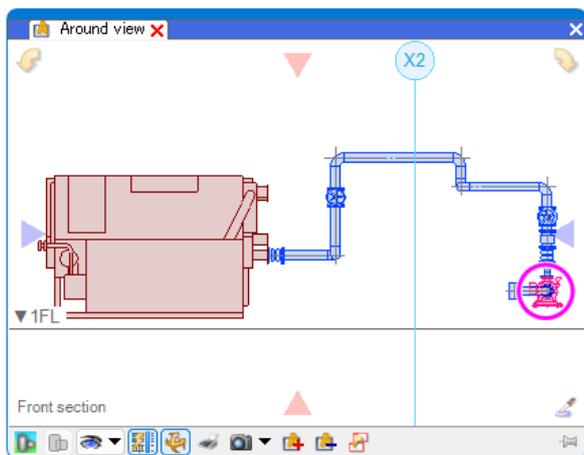
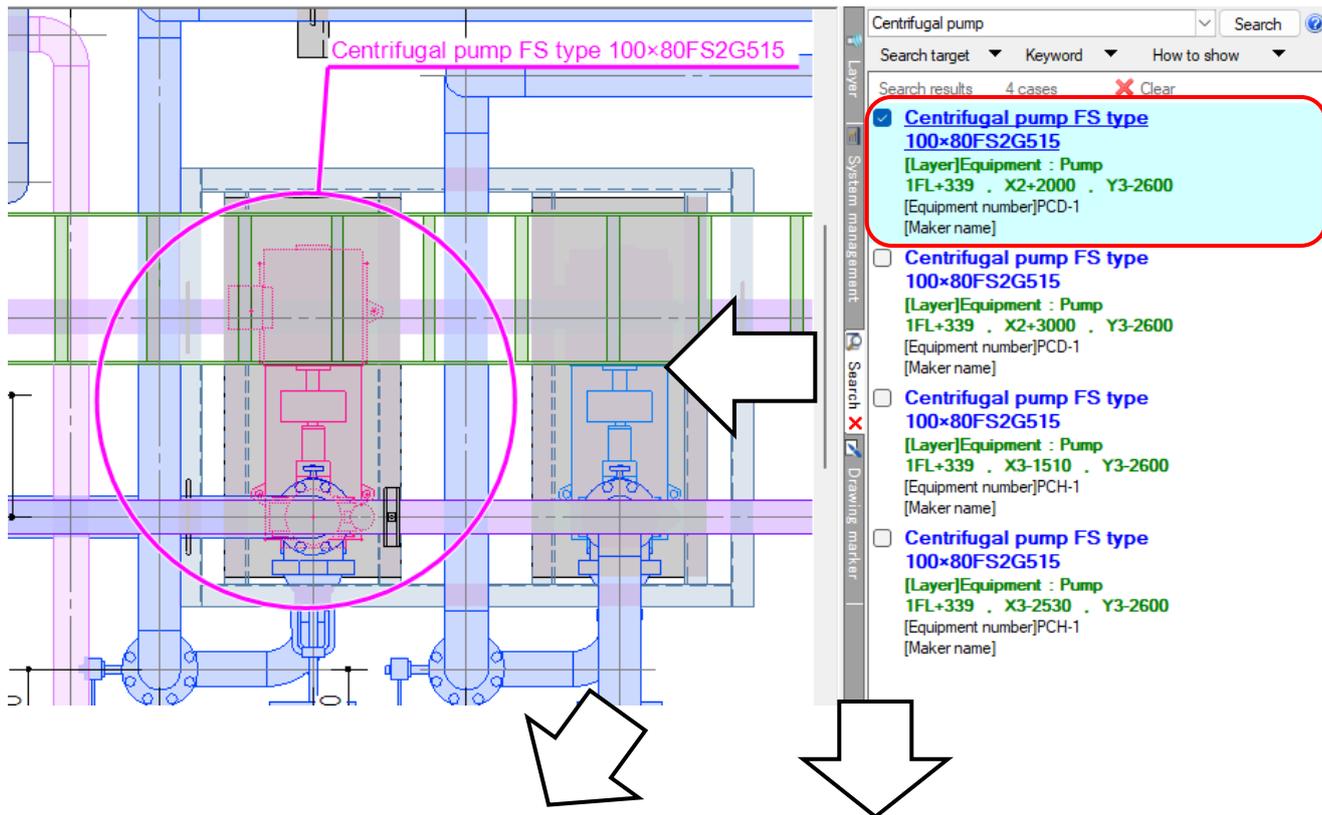
How to search for characters and so on

By entering keywords, you can search for characters, parts and so forth on the drawing.



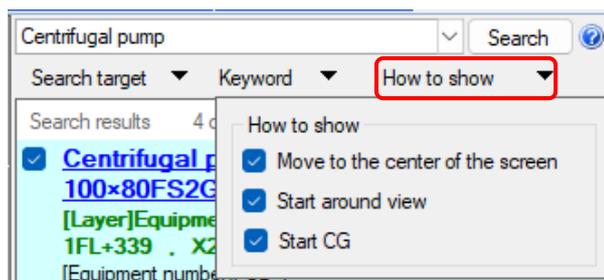
This section contains two screenshots related to the search functionality. The top screenshot shows the search results window for 'Centrifugal pump'. The search target is set to 'Keyword' and 'How to show' is set to 'Search'. There are 4 search results listed, each showing the equipment name, layer, and coordinates. A red box highlights the search results, and a callout box with the text '② Enter a keyword and left-click [Search].' points to the search input field. Another callout box with the text '③ Matching elements appear in list form.' points to the list of results. The bottom screenshot shows the 'Keyword' filter panel, which allows users to narrow down keywords for property descriptions. It includes checkboxes for various categories such as 'Common, uses, or materials', 'Parts information, or module', 'Size, or reference floor', 'Electric', 'Text or dimension value', 'Custom properties', and 'Identifying information'. A callout box with the text 'Narrow down keywords for property descriptions.' points to this panel.

If you select the part from the search results, you can confirm the part on a drawing, around-view, or CG.



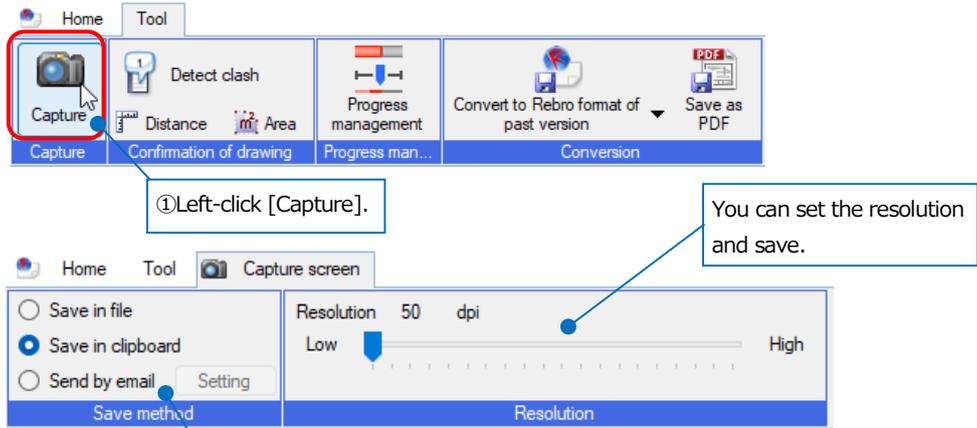
Memo

Left-click [How to show] to select whether to display or hide CG or around-view, when you select a search result list.

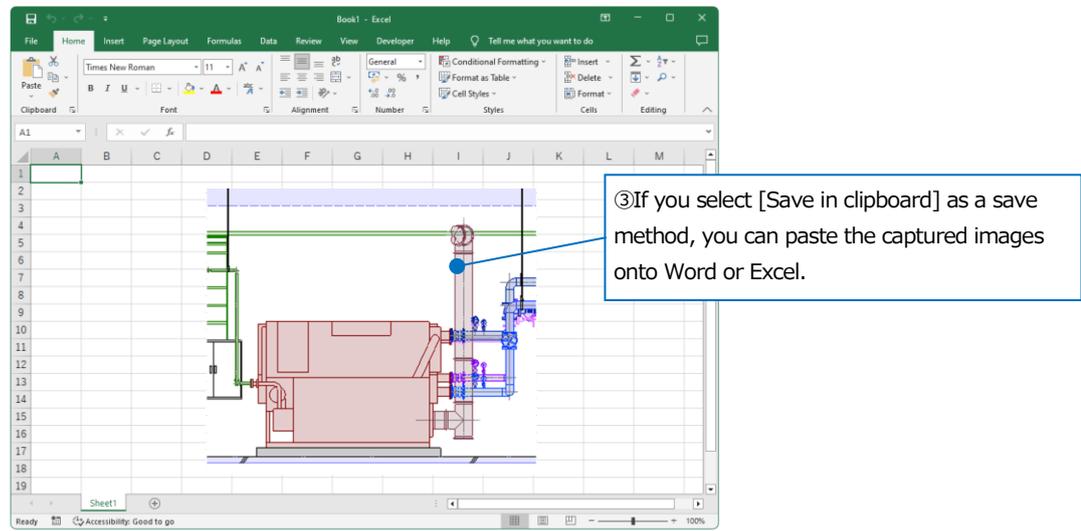
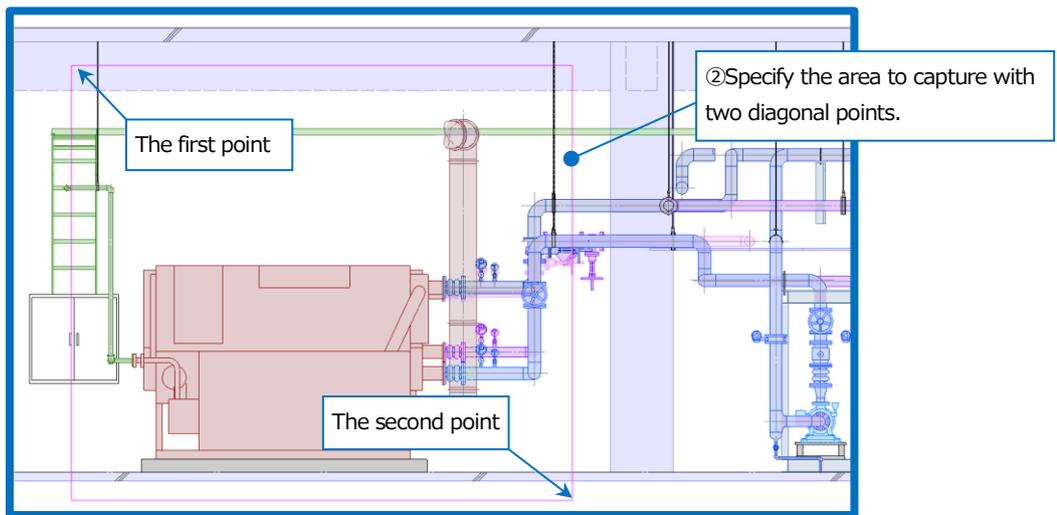


How to capture images

You can save a specified area on Rebro screen as an image.

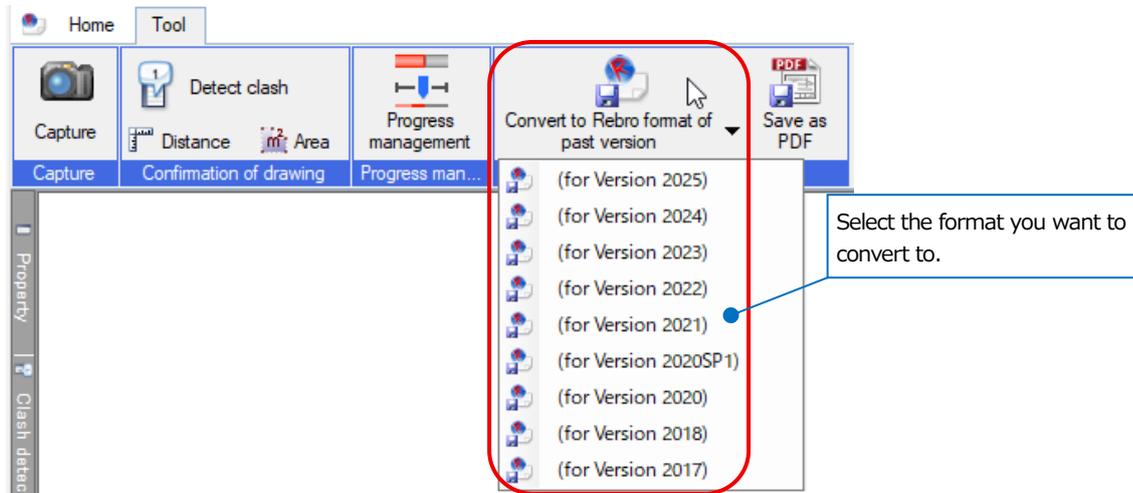


[Save in file]: You can save the images into BMP, JPEG, GIF, TIFF, and PNG image formats. Also, you can save into PDF file format.
[Save in clipboard]: You can paste the images onto Word or Excel.
[Send by email]: You can send the saved images by e-mail. Left-click [Setting] to enter an email address, subject, and main text.



Convert to Rebro format of past version

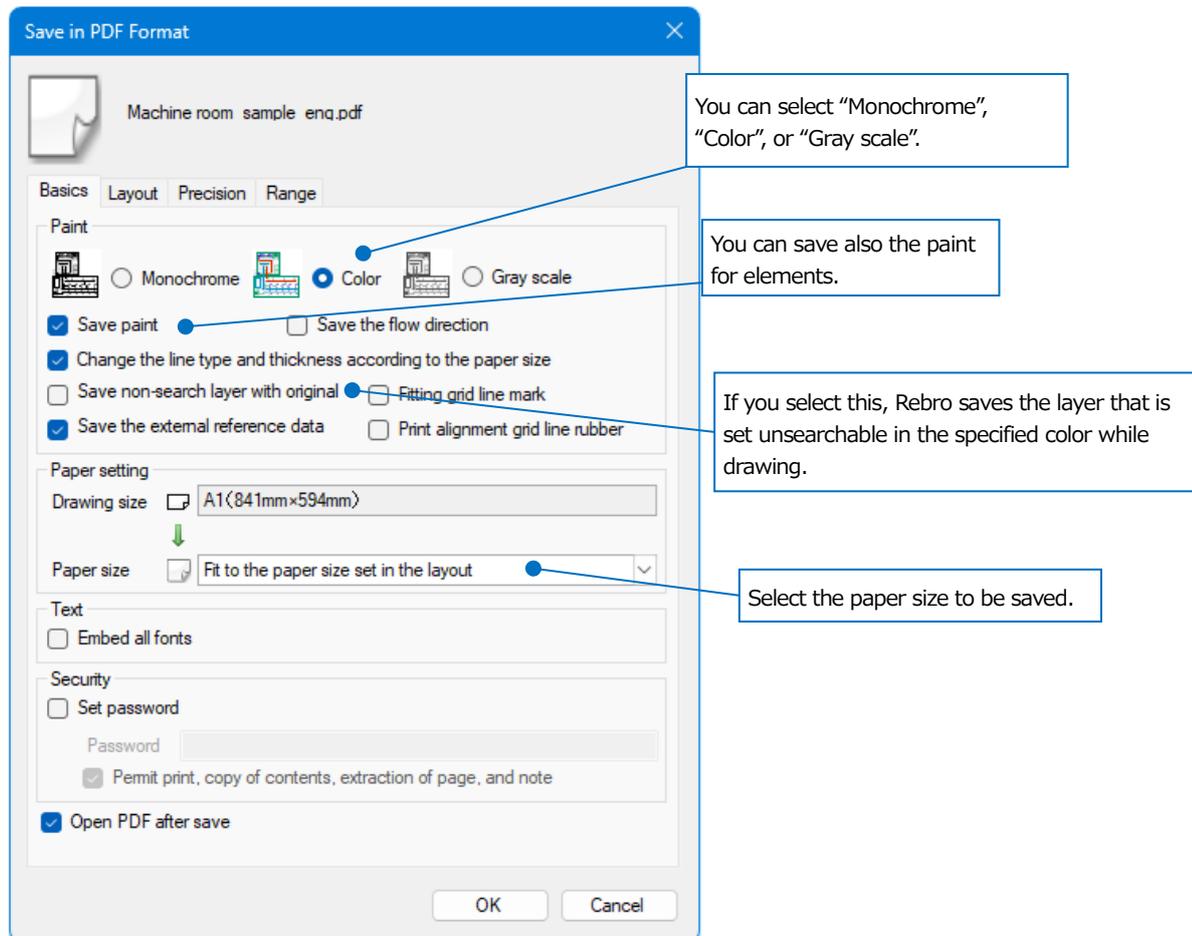
Converts Rebro drawings saved in a newer version into a format that can be opened in past versions of Rebro.



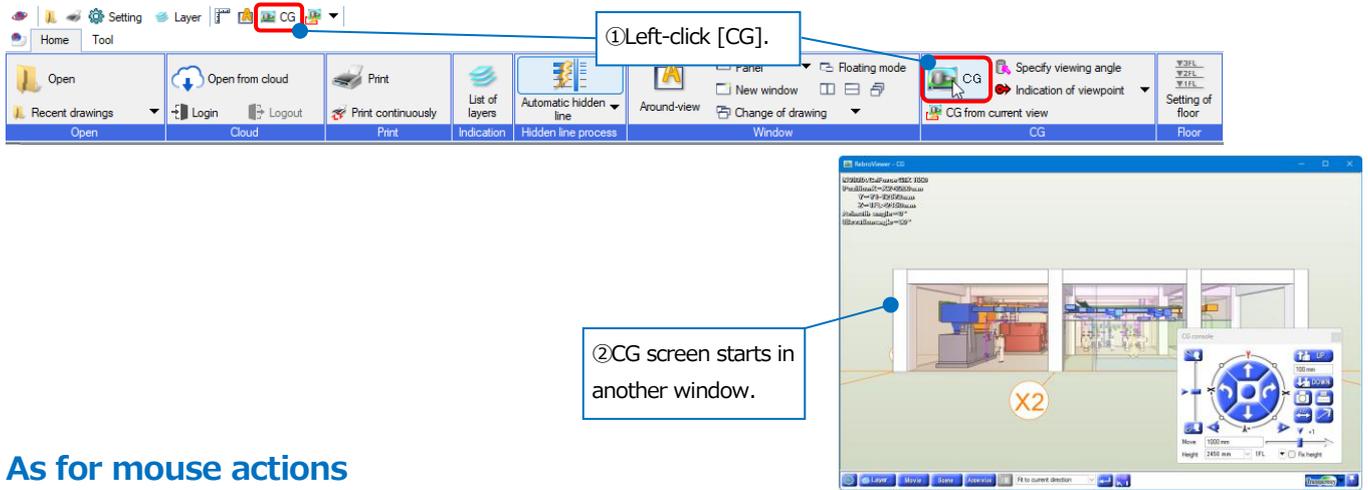
Save as PDF

Save the drawing into PDF file format.

Note: The only external file format that can be saved using RebroViewer is PDF (*.pdf).



4.CG



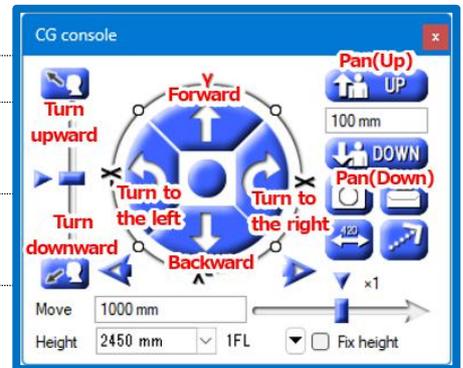
As for mouse actions

Wheel	Go forward or backward by rotating. Move the screen by dragging.
Left-drag	Turn the screen up, down, left, and right around the current position.
Right-drag	Rotate the screen around the position (on the element) where the mouse points.
Double left-click (sweeping)	Bring the viewpoint closer to the specified element.
Double right-click	Make the screen level.

Note: If you rotate the wheel while pressing Ctrl, the screen moves at twice the distance.

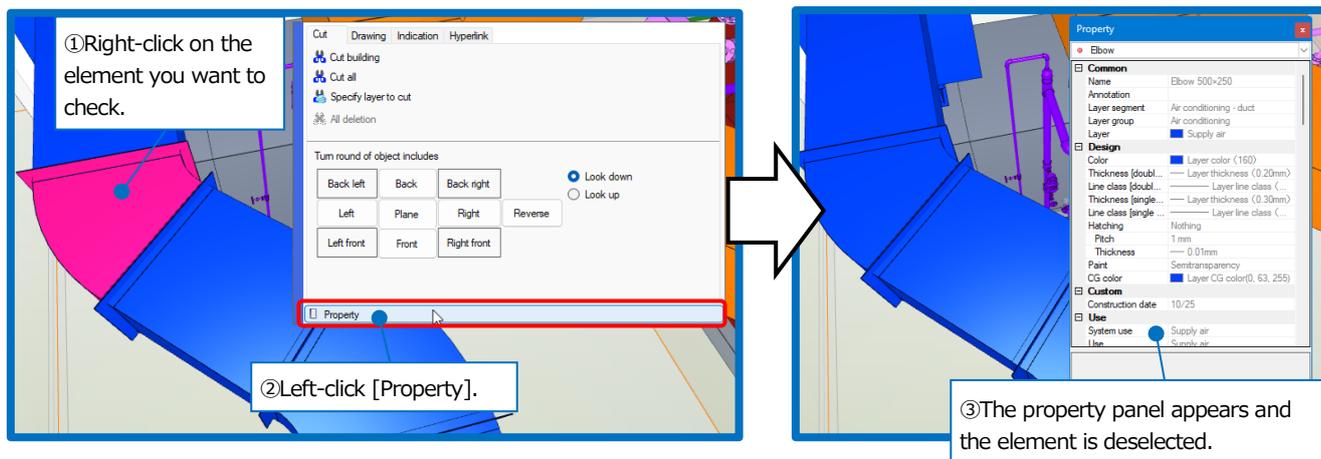
How to operate screens on a CG console panel

Forward or backward	Move the viewpoint forward or backward.
Turn to the left or turn to the right	Turn the viewpoint to the left or right.
Turn upward or turn downward	Turn the viewpoint upward or downward.
Slider handle 	Adjust the speed and quantity of movement when moving on the screen.
Move	Specify a moving distance. Set the distance at a pitch of one-click for moving forward or backward.
Pan (Up) or (Down)	Move the viewpoint up or down at the input value.
Pan (Left) or (Right) 	Move the viewpoint to the left or right.
Height	Select the floor name and enter the viewpoint height directly to move the screen.
Fix height	Checkmark in the box, to fix the current height and move the screen forward, backward, left, or right.



As for Property

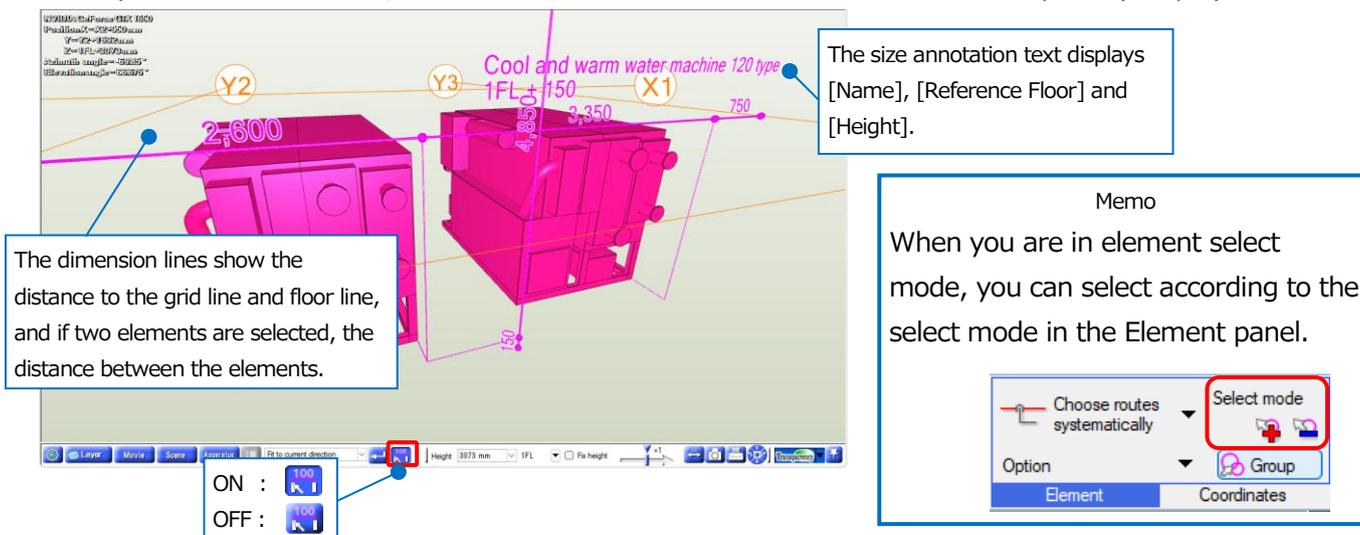
You can check the information of a specified element by opening its property.



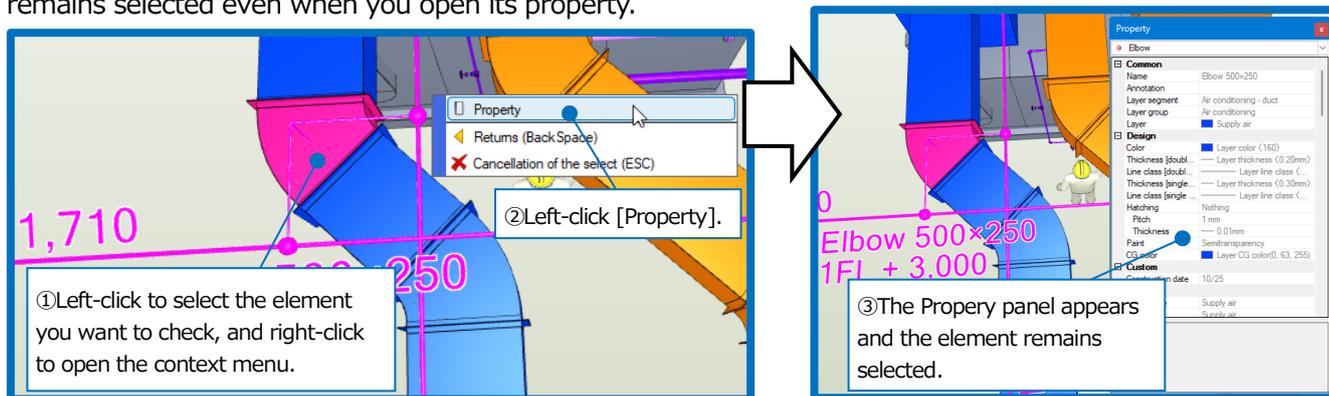
Select mode

If you left-click [] to turn on element select mode, you can select elements in the CG by left-clicking just as you would in the view. An element selected in the view will be displayed in the CG in the selected color.

When you select an element, dimension lines and size annotation text will be temporarily displayed.

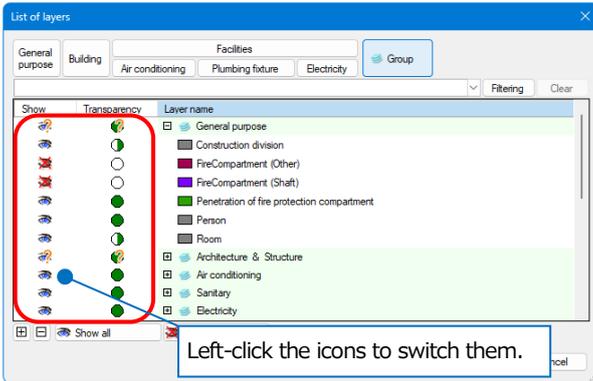


When you are in element select mode, the context menu items are narrowed down and the element remains selected even when you open its property.



As for layers

On CG screens, you can set up Indication/Non-indication layers and layers transparency.



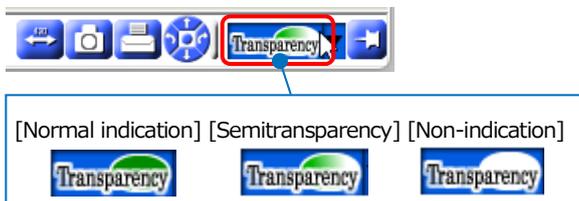
Left-click [Show] icon to switch the settings.

- Indication
- Non-indication

[Transparency] can be changed by left-clicking the icon. As the white ratio increases, the transparency increases.



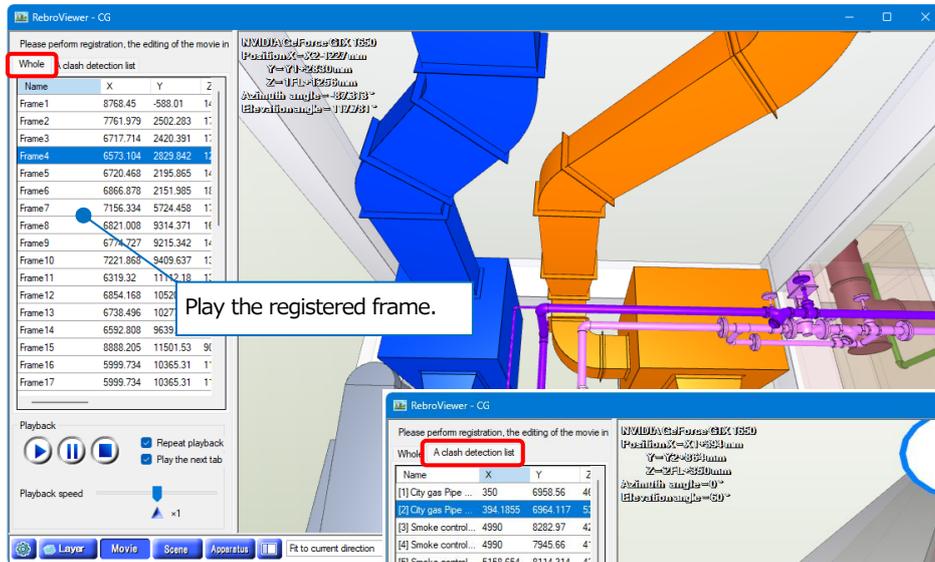
When Non-indication is left-clicked, the transparency icon will be .



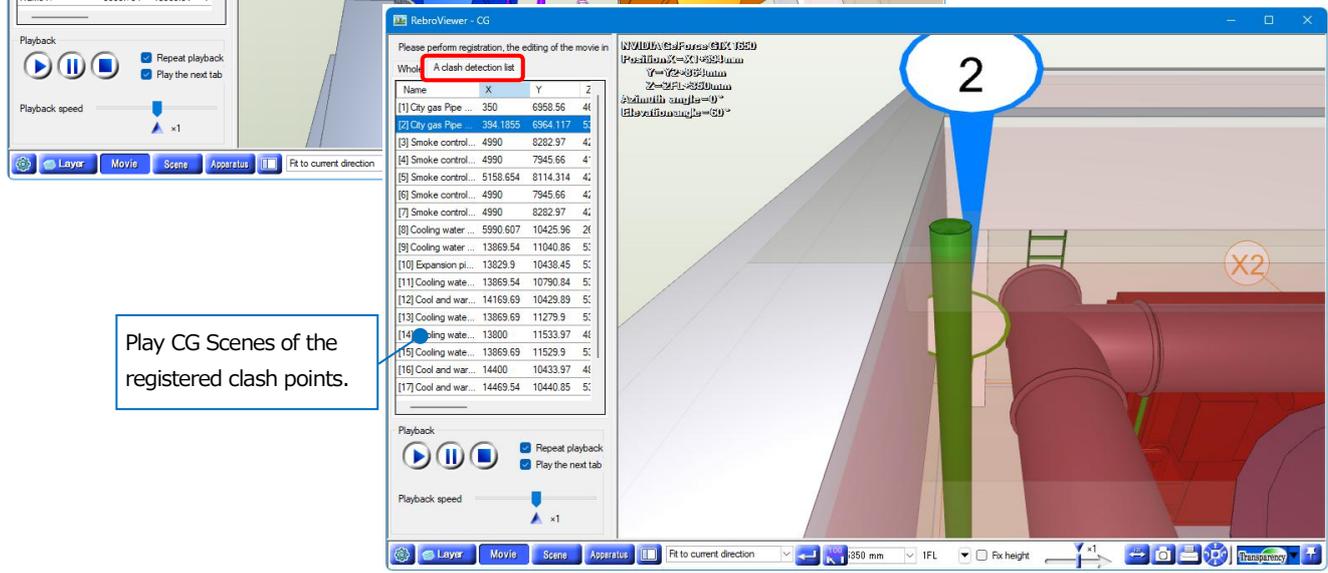
When you left-click [Transparency], you can switch between [Normal indication], [Semitransparency], or [Non-indication] for the layer that is set to semitransparent in [List of layers].

As for a movie

You can play movies created with Rebro, or [CG movie output] output with [Clash detection].



Play the registered frame.

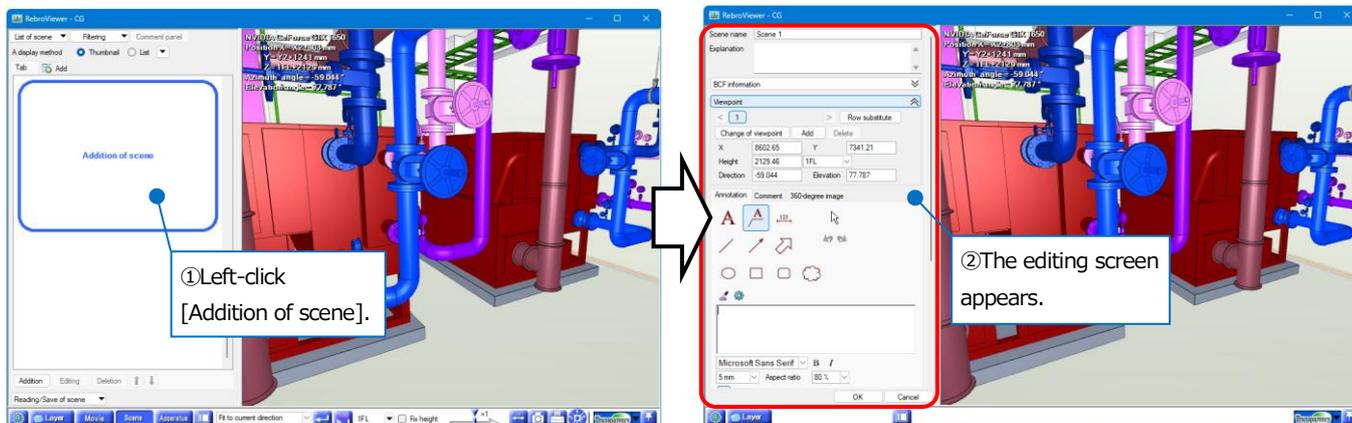


Play CG Scenes of the registered clash points.

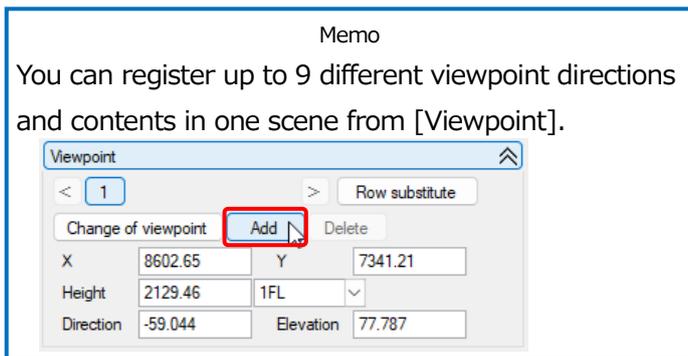
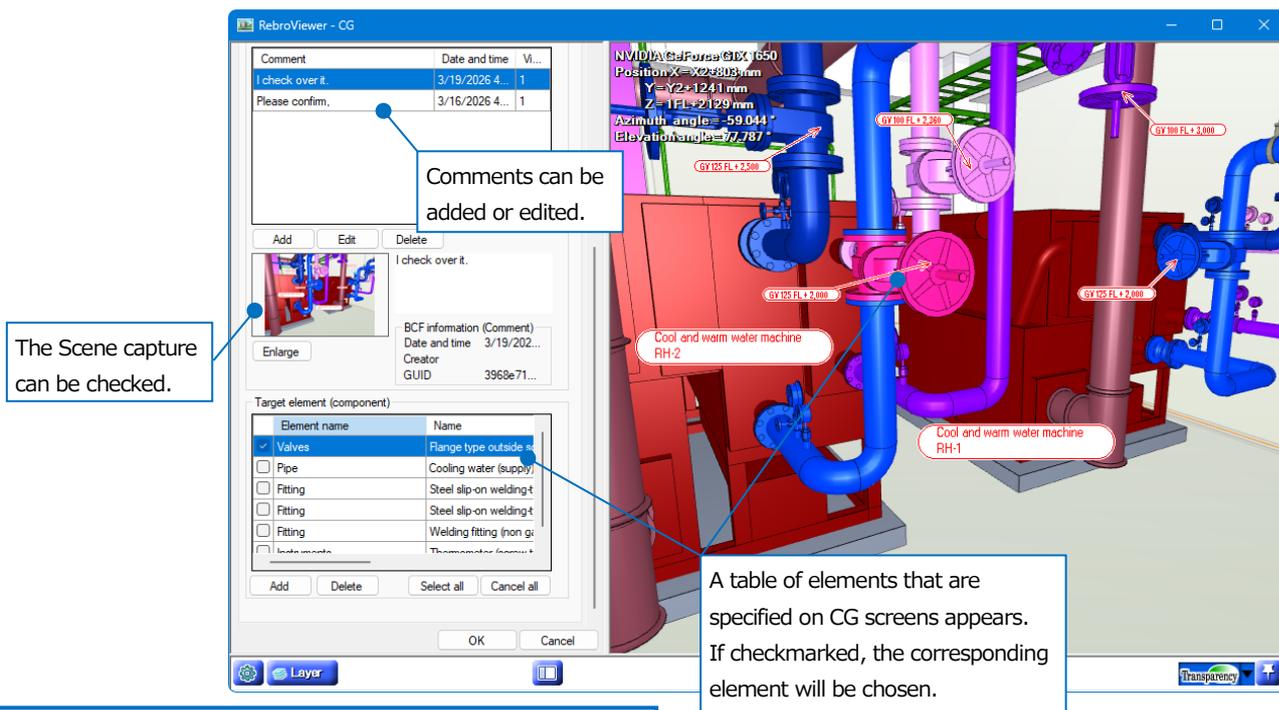
As for Scenes

You can register the currently shown CG screen as Scene, and fill out with characters, dimension lines, or figures on it by using [Annotation] tab.

The registered Scene can be printed, saved, and also passed to Rebro.

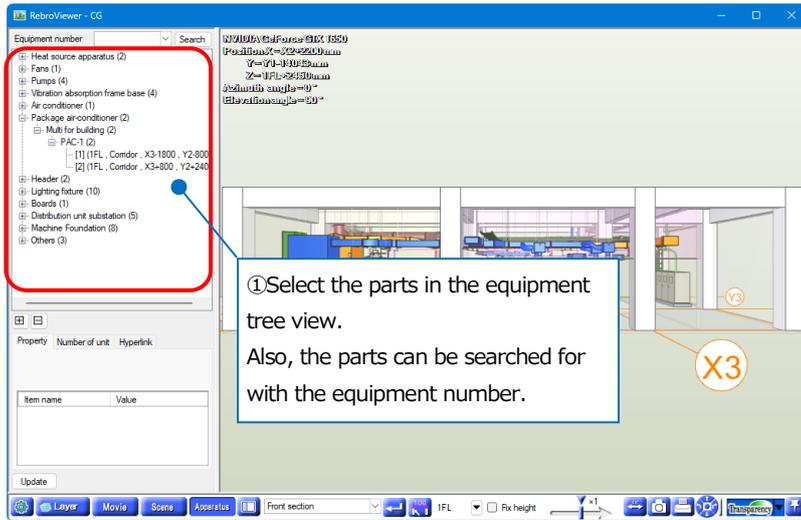


Comments on Scene can be exchanged in [Comment] tab. You can also pass the data to Rebro, if you save or read in BCF, you can pass it to other CAD.

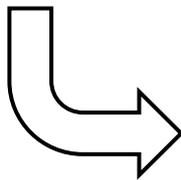


As for apparatus

You can check the position of placed parts on CGs or drawings.



2 The screen moves to the position where you can see the selected parts.

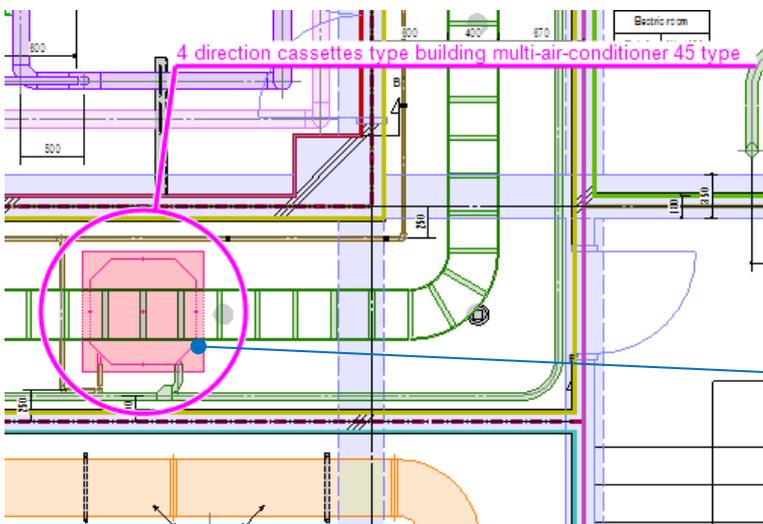
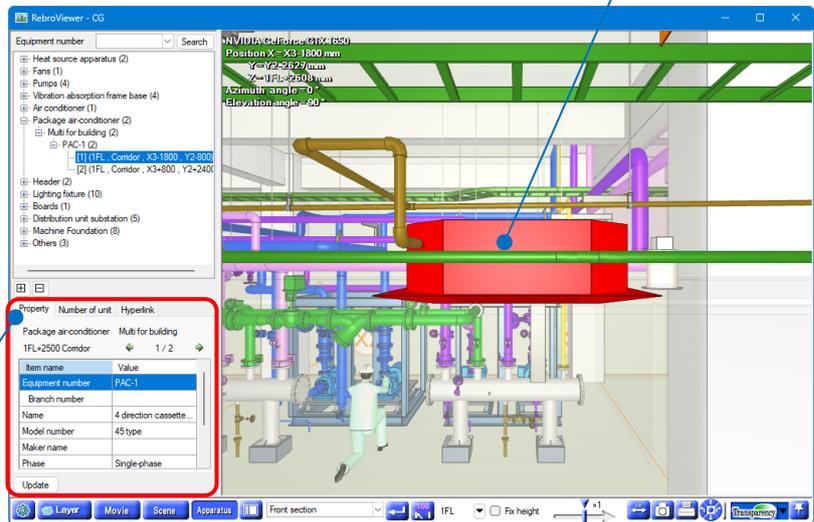


Property Number of unit Hyperlink

[Property]
The property information on the selected parts can be checked.

[Number of unit]
A list for number of units for selected parts appears.

[Hyperlink]
You can access hyperlinks that are set on the equipment. (See also page 31 for hyperlinks)



[CG Parts]

Search target Keyword How to show

Search results 1 cases Clear

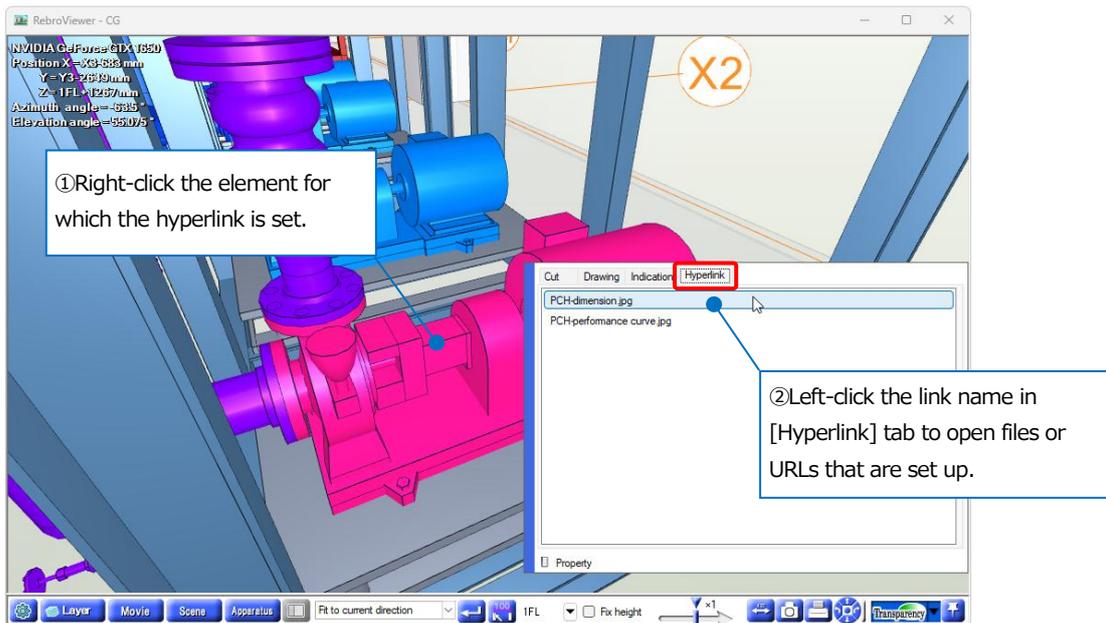
4 direction cassettes type building multi-...
45 type

[Layer]Equipment : Air conditioner
1FL+2500 . X3-1800 . Y2-829
[Equipment number]PAC-1
[Maker name]

3 The selected parts are displayed in the search panel, and the position of the elements can be confirmed on the drawing with a circle mark and leader line.

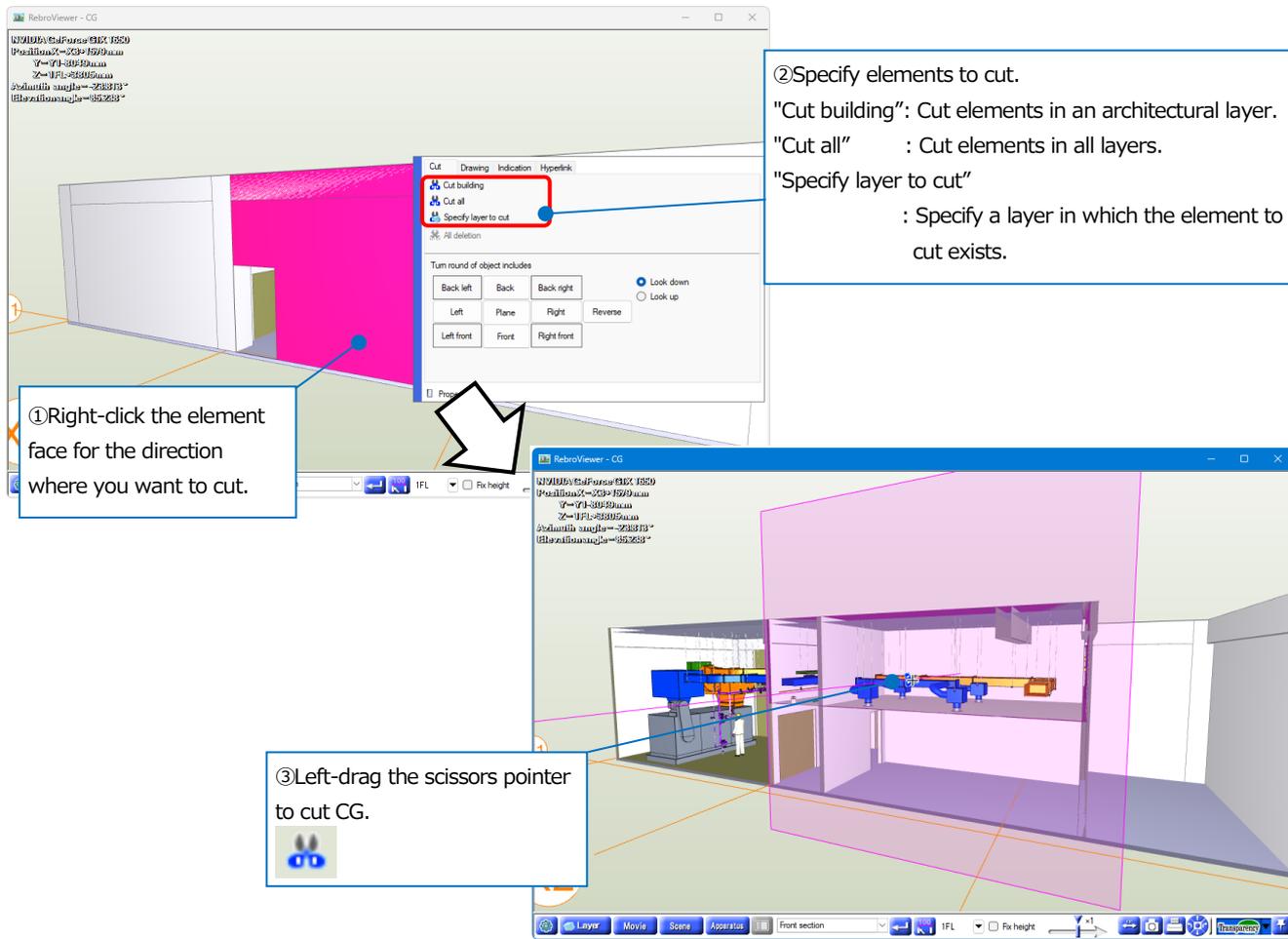
As for hyperlinks

On CG, you can refer to the linked files or URLs for the equipment that you set up hyperlinks.



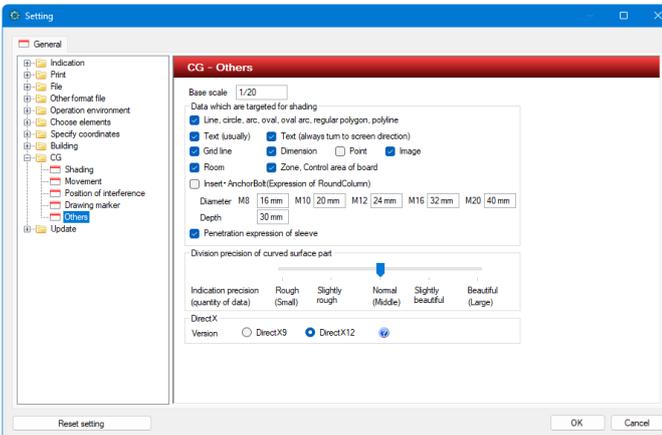
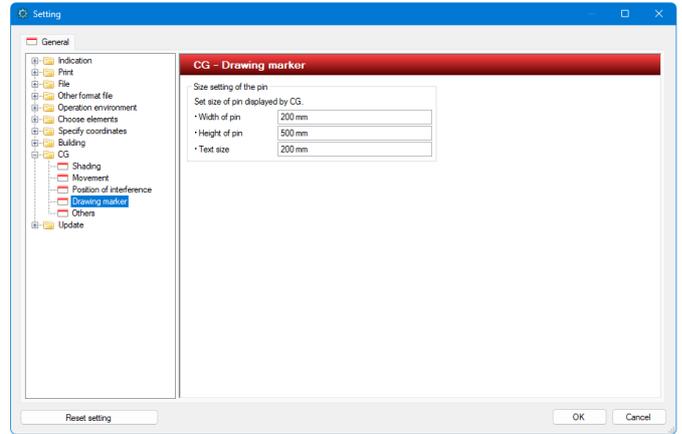
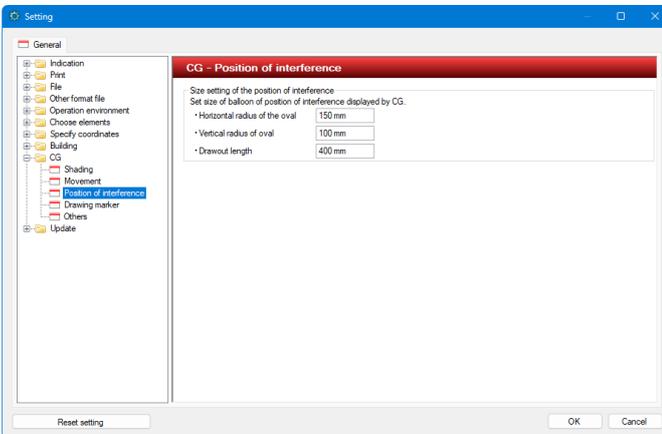
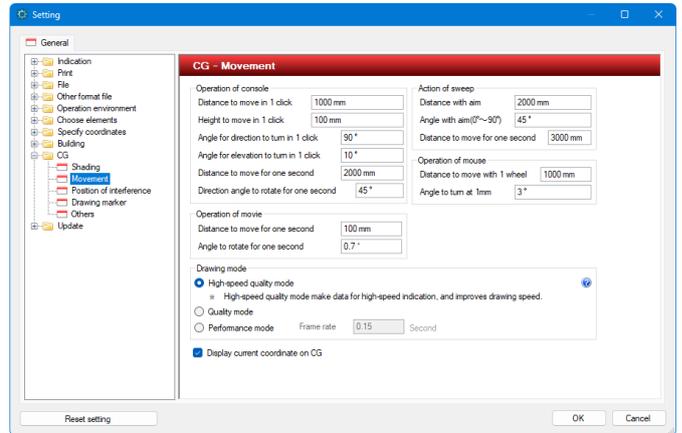
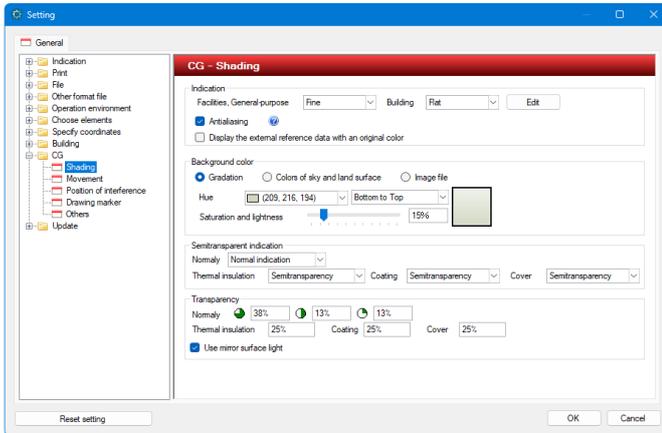
How to cut a cross section

You can cut elements in CG and display the cross section.



How to set up the displays and so on

In [Setting] , you can set up the indications and movements on CG screens.

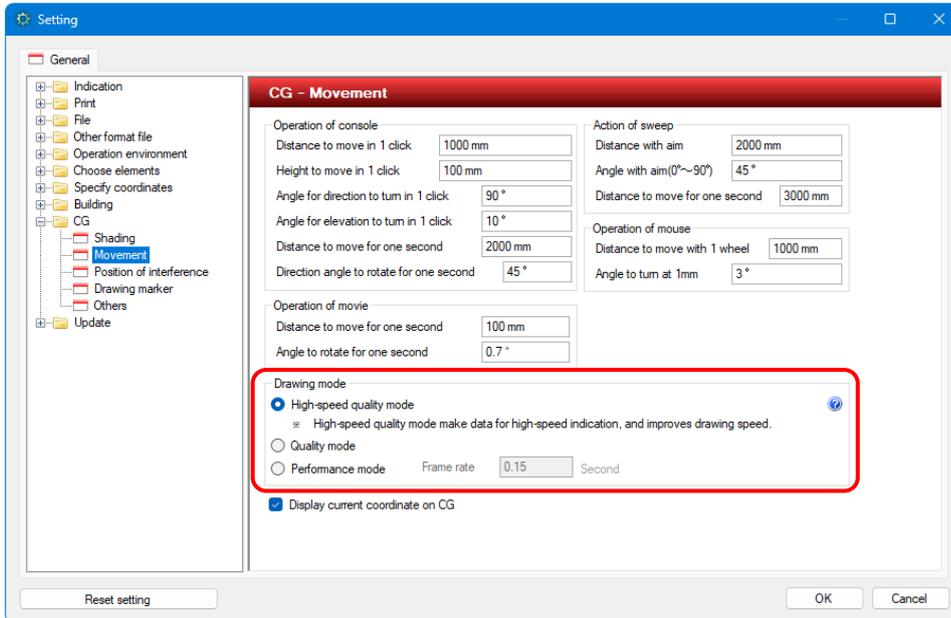


As for “Drawing mode”

“High-speed quality mode”: Move a screen even in the middle of drawing while keeping the image quality of Quality mode.

“Quality mode”: Move a screen after showing all elements.

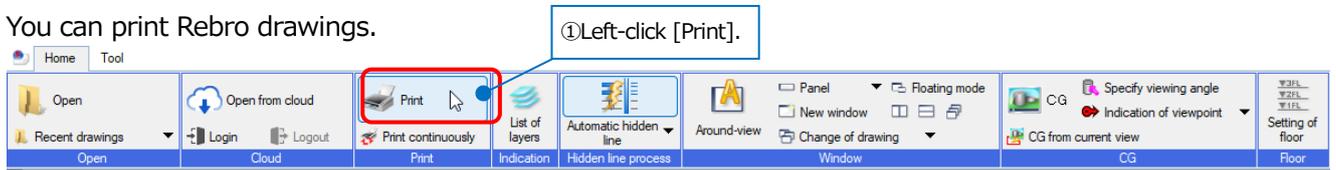
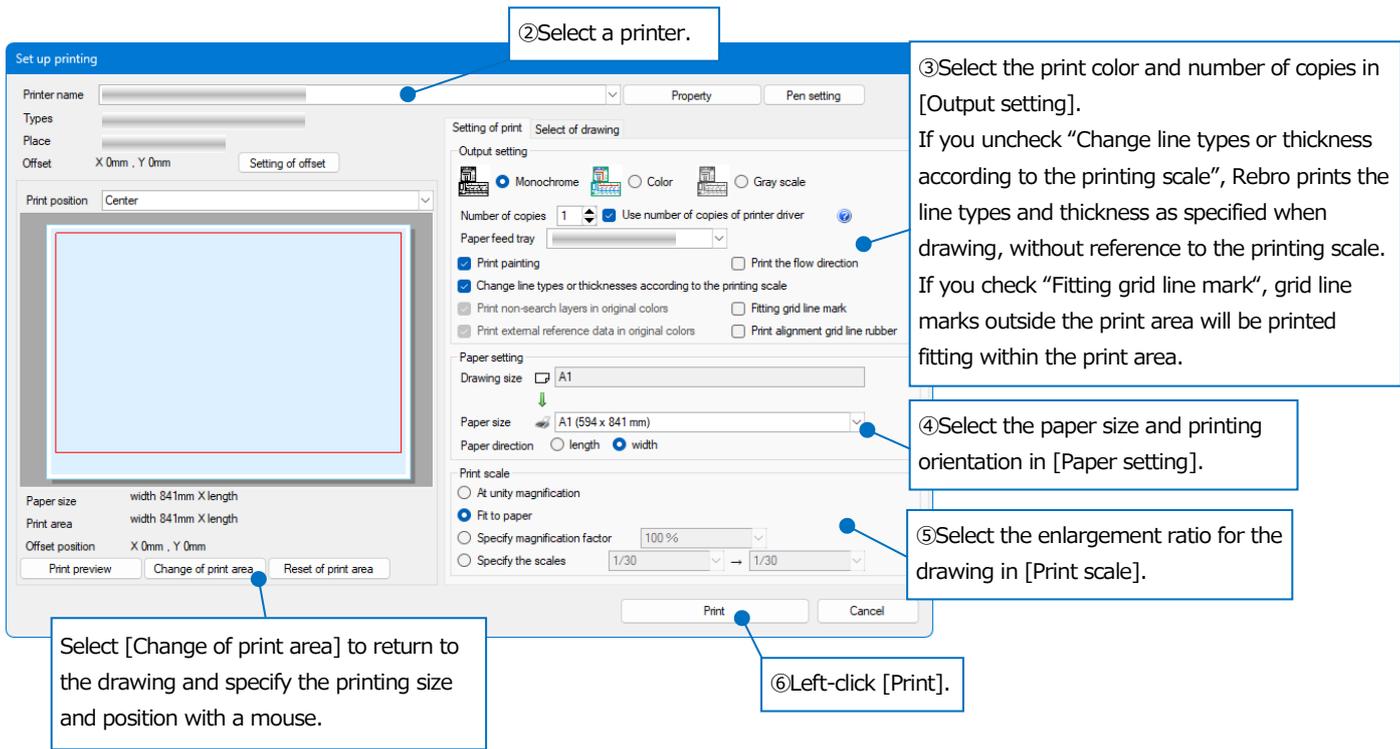
“Performance mode”: Move a screen while drawing the screen.



5. Print

How to print

You can print Rebro drawings.

②Select a printer.

③Select the print color and number of copies in [Output setting].
If you uncheck "Change line types or thickness according to the printing scale", Rebro prints the line types and thickness as specified when drawing, without reference to the printing scale. If you check "Fitting grid line mark", grid line marks outside the print area will be printed fitting within the print area.

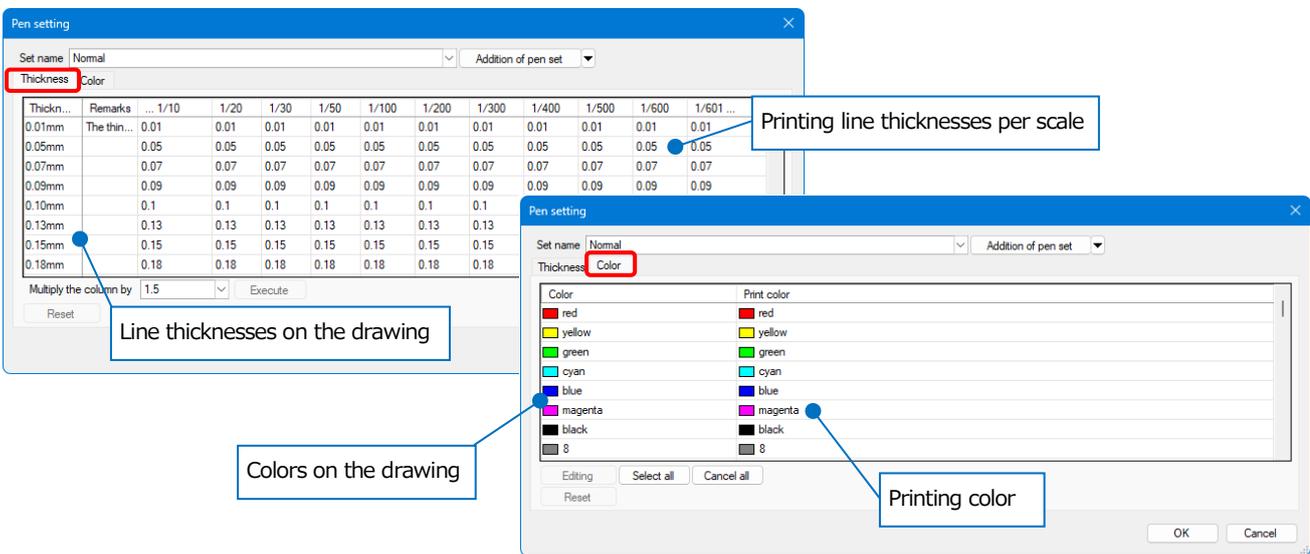
④Select the paper size and printing orientation in [Paper setting].

⑤Select the enlargement ratio for the drawing in [Print scale].

⑥Left-click [Print].

Select [Change of print area] to return to the drawing and specify the printing size and position with a mouse.

When printing, you can change the line thickness for each scale in [Pen setting]-[Thickness] tab.
When printing, you can change the print color for each element color in [Color] tab.



Thickn...	Remarks	1/10	1/20	1/30	1/50	1/100	1/200	1/300	1/400	1/500	1/600	1/601 ...
0.01mm	The thin...	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.05mm		0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0.07mm		0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
0.09mm		0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
0.10mm		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.13mm		0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
0.15mm		0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
0.18mm		0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18

Printing line thicknesses per scale

Line thicknesses on the drawing

Colors on the drawing

Printing color

How to print continuously

You can print layouts of multiple Rebro drawings collectively.



②Select a printer.

③Select multiple drawing files in [Addition of file]. You can also select drawing files collectively by specifying a folder with [▼] on the right of the tab.

④Checkmark the layout to print.

⑤Left-click [Print].

Print continuously

Printer name: [Dropdown] Property

Pen setting: [Dropdown] Setting of the offset: [Dropdown]

Output setting:

- Monochrome Color Gray scale
- Print painting Print the flow direction
- Change line types or thicknesses according to the printing scale
- Print non-search layers in original colors
- Print external reference data in original colors
- Print alignment grid line robber

Paper setting:

- Number of copies: 1
- Paper size: A4 (210 x 297 mm)
- Paper direction: length width
- Paper feed tray: [Dropdown]

Print scale:

- At unity magnification Fit to paper

Filtering:

- Drawing size: A1(841mm×594mm)
- Mark Mark
- Mark Mark

File name	Layout name	Drawing size	Mark	State
<input checked="" type="checkbox"/> Machine room_sample_eng.reb	<input checked="" type="checkbox"/> Layout group 1-Whole ground plan	A1(841mm×594mm)	Mark <input type="checkbox"/>	
<input checked="" type="checkbox"/> Machine room_sample_eng.reb	<input type="checkbox"/> Layout group 1-Pipe section plan	A1(841mm×594mm)	Mark <input type="checkbox"/>	
<input checked="" type="checkbox"/> Machine room_sample_eng.reb	<input type="checkbox"/> Layout group 1-Duct section plan	A1(841mm×594mm)	Mark <input type="checkbox"/>	
<input checked="" type="checkbox"/> Machine room_sample_eng.reb	<input type="checkbox"/> Layout group 1-Unit plot plan	A1(841mm×594mm)	Mark <input type="checkbox"/>	
<input checked="" type="checkbox"/> Sanitary5.reb	<input type="checkbox"/> Layout group 1-Ground plan	A1(841mm×594mm)	Mark <input type="checkbox"/>	
<input checked="" type="checkbox"/> Sanitary5.reb	<input type="checkbox"/> Layout group 1-4 direction drawing	A1(841mm×594mm)	Mark <input type="checkbox"/>	
<input checked="" type="checkbox"/> Sanitary5.reb	<input type="checkbox"/> Layout group 1-Whole ground plan	A1(841mm×594mm)	Mark <input type="checkbox"/>	

Select all Deselect all Number of drawings(8)

Print Close

RebroViewer Operation Guide <March 24, 2026, Version 8>

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