

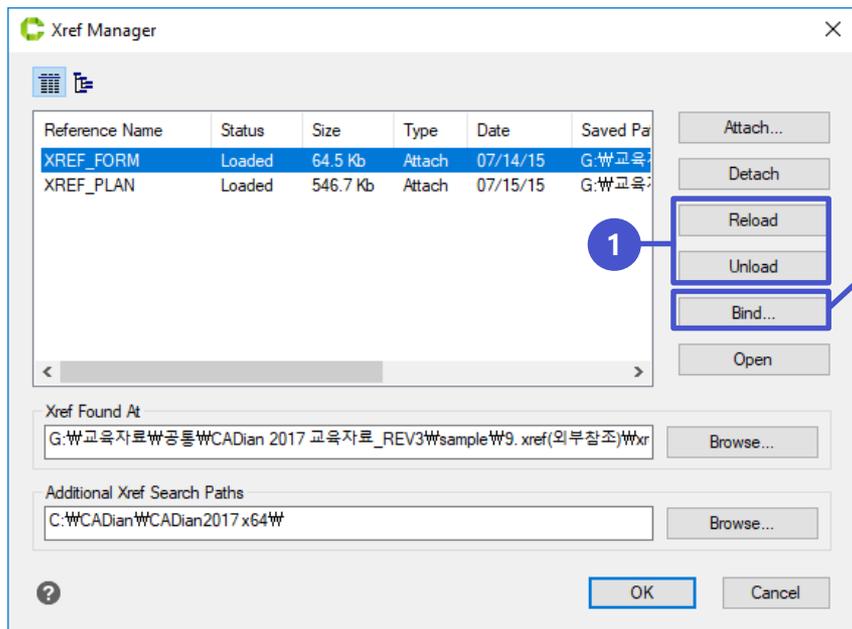
# XREF

CADian 2020



## Xreference - 1

command : xref (Xreference)

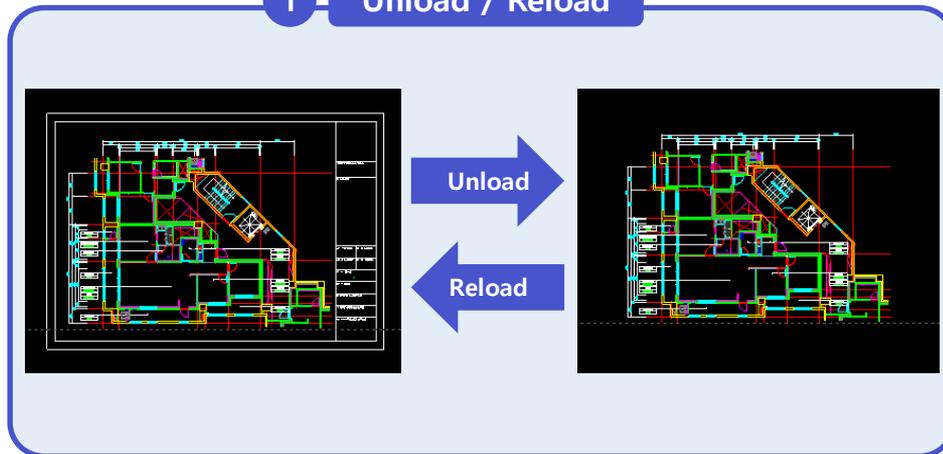


### BIND addition detail

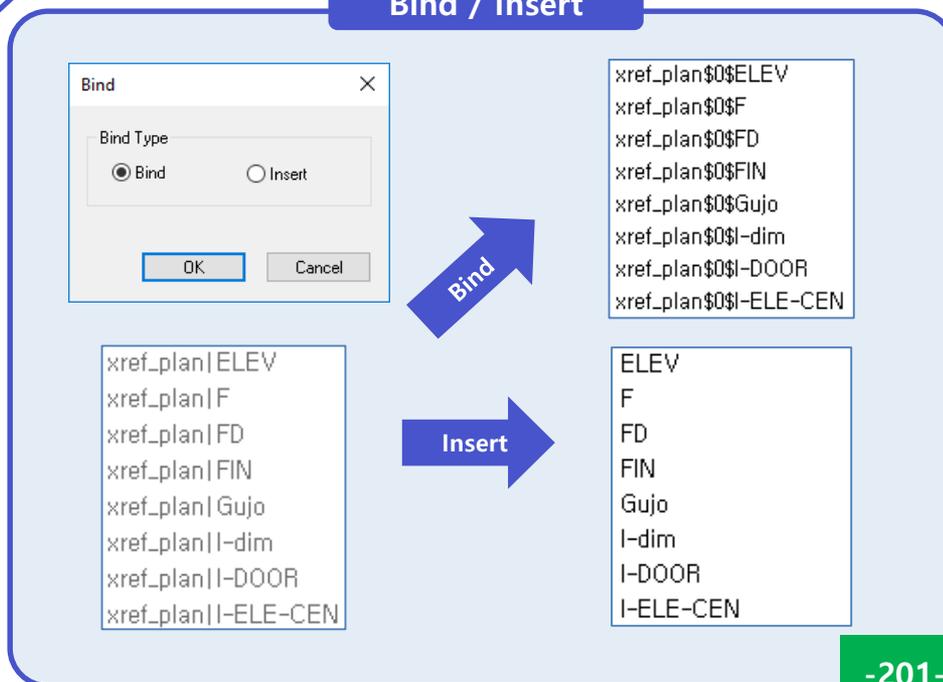
- . When this duplication layer occurs (refedit\_eng\_overlap.dwg)

Xref\_plan\$0\$A-dim -> Xref\_plan\$1\$A-dim

### 1 Unload / Reload

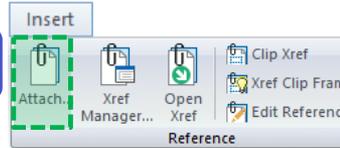


### Bind / Insert



## Xreference -2

Click Attach



Attach External Reference

Name: XREF\_FORM Browse...

Reference Type

Attachment  Overlay

Retain path

Full path

Insertion Point

Specify on screen

Scale

Specify on screen

Rotation

Specify on screen

Angle:

Block Unit

Unit: Millimeters

Factor:

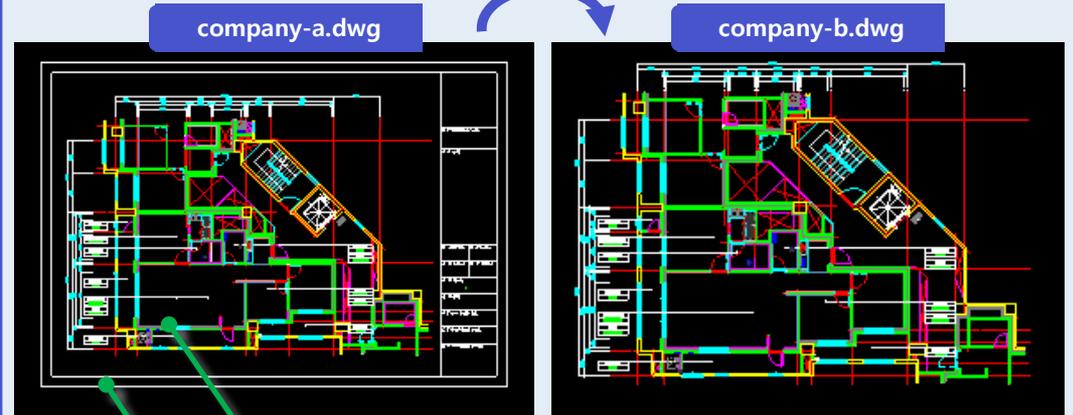
OK Cancel

### NOTE

- The xreference entity is not exploded before the bind is executed.
- Set the **Relative path** or **No path** when sending the drawing to others.

### 1 Overlay / Attachment

company-b.dwg refer to company-a.dwg



Plan : Attachment

Form : Overlay

Example : Because "b" company uses another drawing form, only the drawing form is **Overlay**.

### Retain path

Full path

Full path

Relative path

No path

Local hard driver character and URL character recognized as path

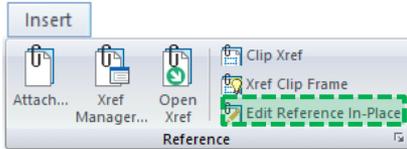
The name of the folder to which the file belongs and Recognize the current drive character

Recognize the same location as path

The full path or relative path is the same principle as the image attachment path.

## Xreference -3

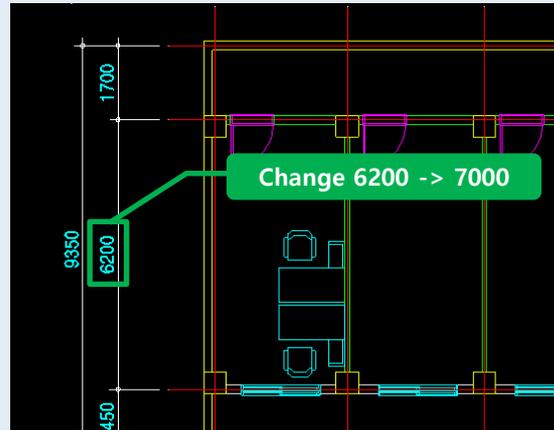
command : refedit



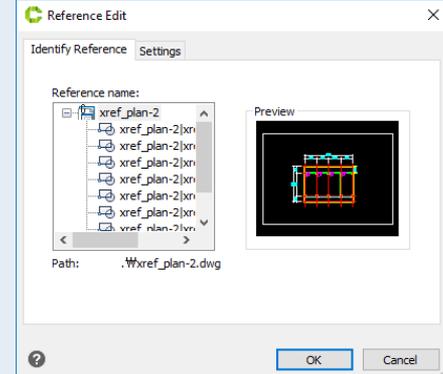
## Training

Edit XREFERENCE

## "refedit\_eng.dwg" OPEN

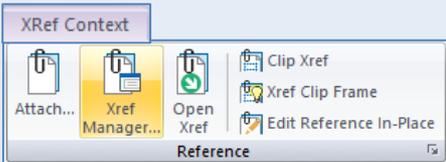


## REFEDIT execute



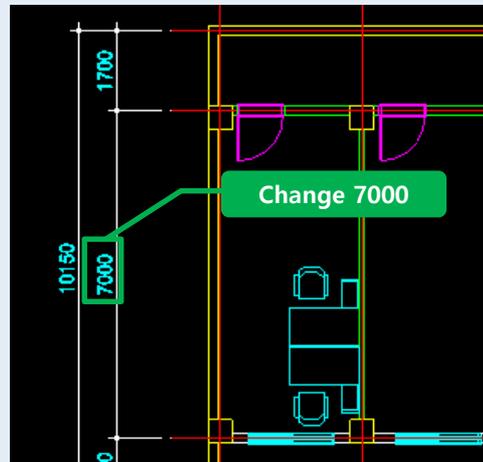
Double-clicking an xref entity also executes the refedit command.

## Ribbon Tab

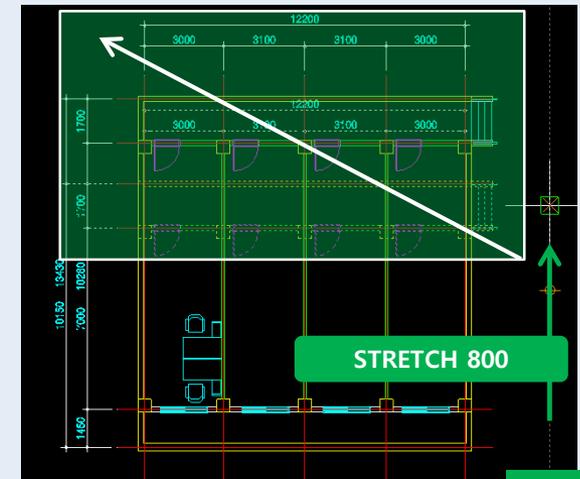


Appear icon after REFEDIT execute

## Save after REFCLOSE



## Edit in refedit



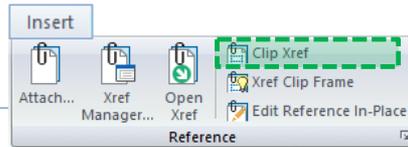
## NOTE

- Select Save(S) or Discard(D) when you run REFCLOSE
- Functions similar to block edit

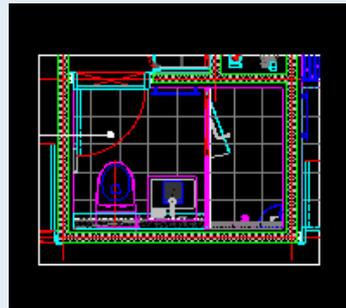
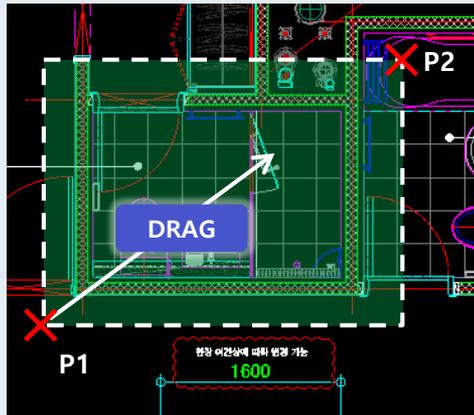
## Xreference Clip (Xclip) - 1

command : xc(xclip)

```
Command: xc
_XCLIP
Select entities:
1 found
Select entities:
ON/OFF/Clipdepth/Delete/generate Polyline/New boundary/<New>: n
[Select polyline/Polygonal/Rectangular/Invert clip] <Rectangular>: r
Specify first corner:
Specify opposite corner:
```



### XCLIP Basic principle



### Execution Process

\*. "xclip.dwg" File OPEN

1. "command:" xc input and SPACE

2. "Select entities:" xref entity Select and SPACE

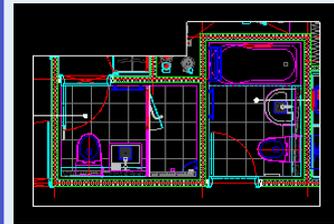
3. "~<New(N)>:" n input and SPACE

4. "~<Rectanglar(R)>:" r input and SPACE

5. "~first corner:" P1 CLICK

6. "~opposite corner:" P2 CLICK

### NOTE



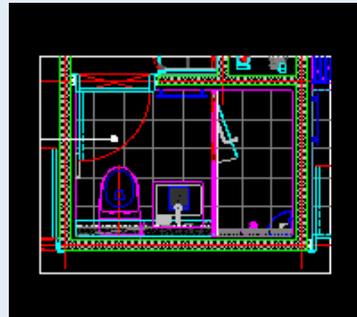
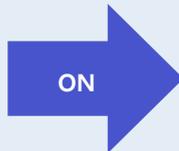
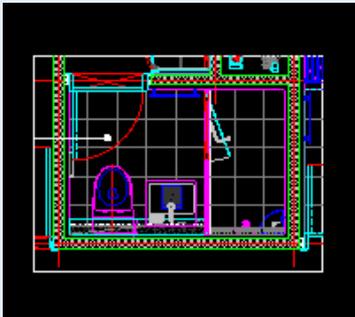
- . In step4, If you select polygonal, you can cut it to any shape.

- . If there is no change after executing XCLIP, execute REGEN(RE) command

## Xreference Clip (Xclip) - 1

command : xc(xclip)

### ON / OFF



- The ON / OFF function is used when the XCLIP executed.
- The off function is not visible, but the boundary data is saved.

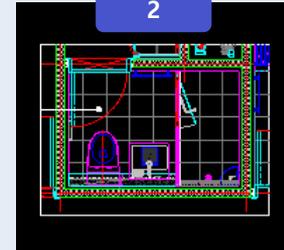
### Delete

If DELETE is selected, ON / OFF can not be used because it clears the XCLIP boundary data.

### XREFERENCE Frame

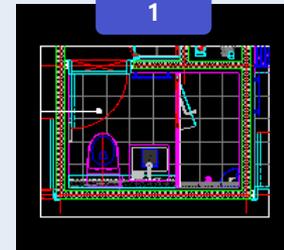
XCLIPFRAME execute

2



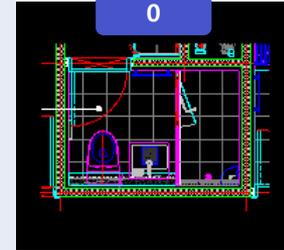
- DISPLAY : O
- PLOT : X

1



- DISPLAY : O
- PLOT : O

0



- DISPLAY : X
- PLOT : X