Drawing [Design]

HANDY CAD MARK II
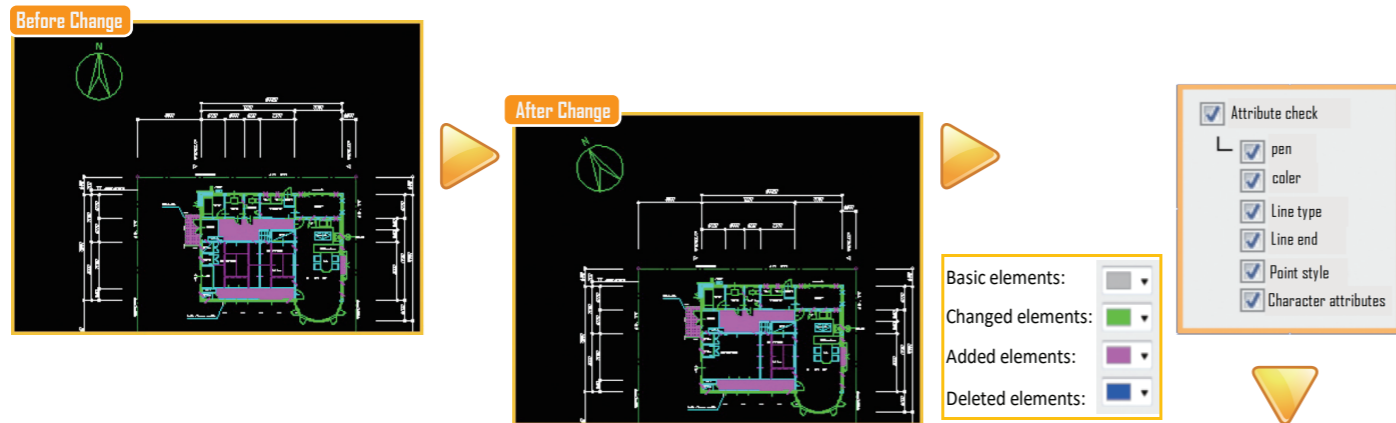# Fcomp Command

FCOMP Command

When reviewing drawings that have been modified due to design changes or data conversions by visual inspection alone, there is a risk of overlooking unintended changes or indistinguishable modifications. However, with the FCOMP inspection toolset, even inspection tasks that are difficult to perform visually can be dramatically streamlined, significantly improving work efficiency.

■ Drawing Comparison/Partial Comparison

FCOMP's "Drawing Comparison" is a tool that clearly reports the differences between two specified drawings. By designating two drawings, it generates a result drawing (composite drawing) that highlights the differences using color coding. The result drawing can be automatically saved by pre-specifying a folder for storage.
There is no problem even if the formats of the two drawings, old and new, are different.

"Drawing Comparison" not only allows for geometric comparisons but also enables comparisons of drawing information such as drawing names and numbers, as well as shape attributes like pen numbers and line types. Furthermore, for drawings where shapes have been shifted as a whole, the tool automatically calculates the amount of movement, eliminating the need for special operations. By using "Partial Comparison," you can compare specific areas on a drawing, such as the placement of components.

Before Change

After Change

☑ Attribute check
- ☑ pen
- ☑ color
- ☑ Line type
- ☑ Line end
- ☑ Point style
- ☑ Character attributes

Basic elements: ▼
Changed elements: ▼
Added elements: ▼
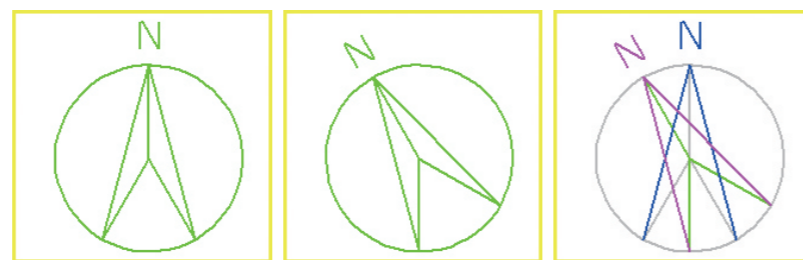Deleted elements: ▼

Result Drawing

■ Folder Comparison

When managing drawings and related documents (materials) on a folder-by-folder basis, it is possible to overlook changes if the management folders are deeplynested in a hierarchical structure.
"Folder Comparison" allows you to easily identify the differences between two folders, new and old. At the same time, "Drawing Comparison" can also be performed, ensuring no changes are missed. In the comparison results screen, you can filter the list, copy or delete files, and display drawings, among other actions.

■ Assist for Visual Inspection of Drawings

Even for visual inspection tasks based on the result drawings, the process can be dramatically improved by using convenient commands to instantly toggle the display or hide components, as well as utilizing the window synchronization feature.

\Team A\Symbol1.dxf	Folder 2 is newer	484KB	484KB
\Team A\Symbol2.dxf	Folder 2 is newer	484KB	484KB
\Team A\Symbol3.dxf	Folder 2 is newer	484KB	484KB
\Team B\Part1.dxf	Exists only in Folder 1	484KB	
\Team B\Part2.dxf	Exists only in Folder 1	484KB	
\Team B\Part3.dxf	Exists only in Folder 1	484KB	
\Team C\Layout1.dxf	Exists only in Folder 2		484KB
\Team C\Layout2.dxf	Exists only in Folder 2		484KB
\Team C\Layout3.dxf	Exists only in Folder 2		484KB

Basic Specification

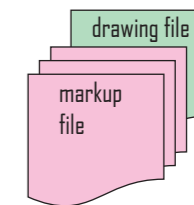| ● Drawing comparison function	Graphic shapes (geometric information), drawing information (figure number, author, etc.), Layer information, element attributes (Ben number, line type, etc.)	● Display color of composite drawings	basic element color, change element color, additional element color, delete element color
● Drawing Comparison Settings	Tolerance, comparison tolerance (automatically interrupts if mismatch conditions exceed tolerance),CHARACTER COMPARISON METHOD (COORDINATE, RECTANGULAR) AND AUTOMATIC CORRECTION OF	● Folder Comparison Settings	Filename filter, comparison content (existence check only, update date, file size, drawing comparison),Supports non-Windows servers
● Drawing comparison result	Create composite drawings (automatically save to a specified folder), Generating Text Reports□	● Folder Comparison List	List filing, drawing open and calling designated applications, copying files, deleting files

---

Drawing [Design]

HANDY CAD MARK II
Markup Application

Markup Application

Markup is a tool that allows instructions, such as design changes, to be sketched in red directly on drawings in a freehand manner. Since markup information is managed as a separate file from the CAD drawing, it greatly enhances document maintainability.
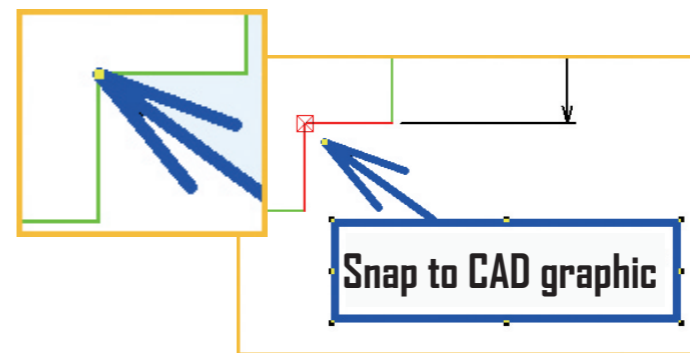
This markup includes comments with drawers and cloud shapes such as freehand sketches, Even if you don't have knowledge of CAD, you can easily create it.

Save the markup file under the same name as the drawing file name, If you open the drawing next time, the markup file will also be displayed It is loaded automatically.

drawing file

markup file

■ Snap to CAD geometry

The markup object's grip boint snaps into a CAD figure, Easily locate drawers and align objects.

Snap to CAD graphic

■ live use case

Paste the object with the design change designated as a hyperlink. CAD obelator double-click the object to open the doc file This allows you to check the details directly.

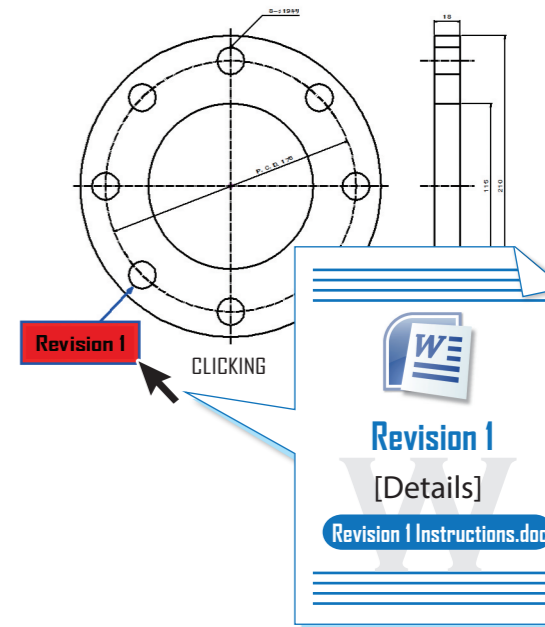### ■ Hyperlink

By specifying a hyperlink as a markup object, detailed instructions on the corrections are given It can be done in conjunction with documents i
Double-click a markup object with a hyperlink
The document to which you want to link opens

Revision 1   CLICKING

Revision 1
[Details]
Revision 1 Instructions.doc

US>Command List

● Select	Select Move, Transform, and Change Attributes	● characters	Draw a string with a diagonal point	●UNDO	Against markup objects UNDO the operation one step
● line segment	Draw a line at the beginning and end points of the line segment	● image	Draw an image by specifying an elephant diagonal point		
● rectangular shape	Rectangle Draw a rectangle with diagonal points	● circumference	Create a polyline by tracing it over a CAD figure	●REDO	Against markup objects Redo the operation in one step
● polyline	Draw a polyline/polygon (polygon) with a polyline passing point	● to open	Load the saved markup file		
		● preservation	Save the current markup object to a file		