

# CHANGE

CADian 2020

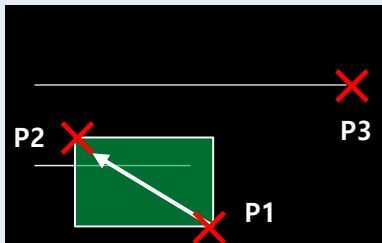


## Change - Line

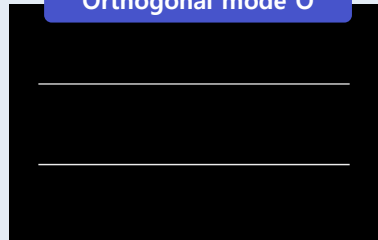
Command : change(-ch)

```
Command: -CH
CHANGE
Select entities to change:
1 found
Select entities to change:
Specify change point or [Properties]:
```

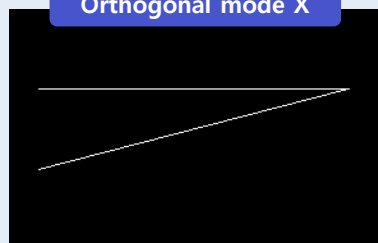
### CHANGE(Line) Execution



Orthogonal mode O



Orthogonal mode X



### Execution Process

\*. Press "F8" button to change to orthogonal mode

1. "Command : "change Input and SPACE

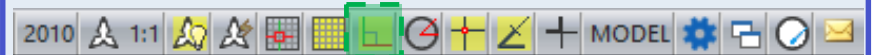
2. "Select entities to change : " P1 CLICK

3. "Specify opposite corner : " P2 CLICK and SPACE

4. "Specify change point or [Properties(P)]:" P3 CLICK

### NOTE

-. When executing a line with the CHANGE command, check that the orthogonal mode is turned on in the status bar at the bottom right.



## Change - Circle

Command : change(-ch)

```
Command: -CH
_CHANGE
Select entities to change:
Opposite corner:
1 found
Select entities to change:
Specify change point or [Properties]:
New radius for circle, or ENTER for no change: 400
```

### CHANGE(Circle) execution

diameter : 680

➔

diameter : 800

Property	
Circle	
General	
3D Visualisation	
Geometry	
Center X	-215,8153
Center Y	183,7326
Center Z	0
Radius	340,0000
Diameter	680,0000
Circumference	2136,2830

Property	
Circle	
General	
3D Visualisation	
Geometry	
Center X	-215,8153
Center Y	183,7326
Center Z	0
Radius	400,0000
Diameter	800,0000
Circumference	2513,2741

### Execution Process

\*. Press "F8" button to change to orthogonal mode

1. "Command : "change Input and SPACE

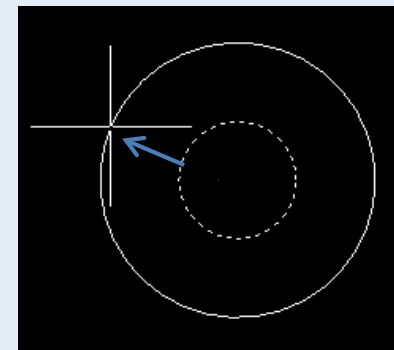
2. "Select entities to change:"  
P1 Click and SPACE

3. "Specify change point or [Properties] : SPACE

4. "~ radius for circle ~ : " 400 Input and SPACE

### NOTE

In step 4, specify the circle diameter



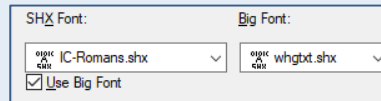
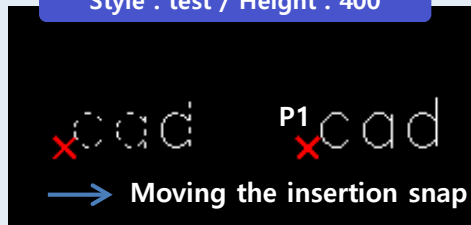
## Change - TEXT

Command : change(-ch)

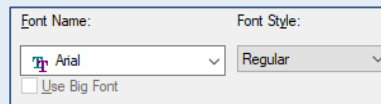
```
CHANGE
Select entities to change:
Opposite corner:
1 found
Select entities to change:
Specify change point or [Properties]:
New point for text, or ENTER for no change:
New text style <Standard>:
New height <353.8459>: 800
New rotation angle <0.0000>:
New text <cad>: cadian
```

### CHANGE(TEXT) execution

Style : test / Height : 400



Style : standard / Height : 800



### Execution Process

1. "Command : "change Input and SPACE
2. "Select entities to change :"  
cad TEXT CLICK and ENTER
3. "Specify change point or [Properties]:" ENTER
4. "~for text, or ENTER for~:" P1 CLICK
5. "NEW text Style <test>:" standard  
Input and SPACE
6. "NEW height" <400>:" 800 Input and SPACE
7. "NEW angle" <0>:" 0 Input and SPACE
8. "NEW TEXT" <cad>:" cadian Input and SPACE

### Other CHANGE target objects

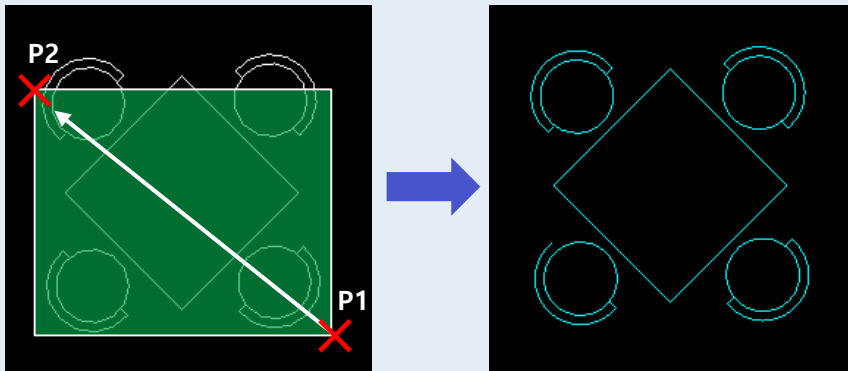
- Block : Possible to **change position** and **rotation**
- Attribute : Possible to change  
**TEXT** and **TEXT properties**

## Change – Properties(Color)

Command : change(-ch)

```
Command: -CH
_CHANGE
Select entities to change:
Opposite corner:
5 found
Select entities to change:
Specify change point or [Properties]: p
Enter property to change [Color/Elev/LAyer/LType/lTScale/LWeight/Thickness/Material/Annotative]: color
New color [Truecolor/COLORbook] <Blue>: cyan
Enter property to change [Color/Elev/LAyer/LType/lTScale/LWeight/Thickness/Material/Annotative]:
```

### CHANGE(Color) execution



### 기본 실행 과정

1. "Command : "change Input and SPACE
2. "Select entities to change:" P1 CLICK
3. "Opposite : " P2 CLICK
4. "Specify change point or [Properties]:  
P Input and ENTER
5. "Enter ~ [Color ~ /Annotative]:  
C Input and ENTER
6. "New color ~ <BYLAYER>:"  
CYAN Input and ENTER
7. "Enter ~ [Color ~ /Annotative] : SPACE

### NOTE

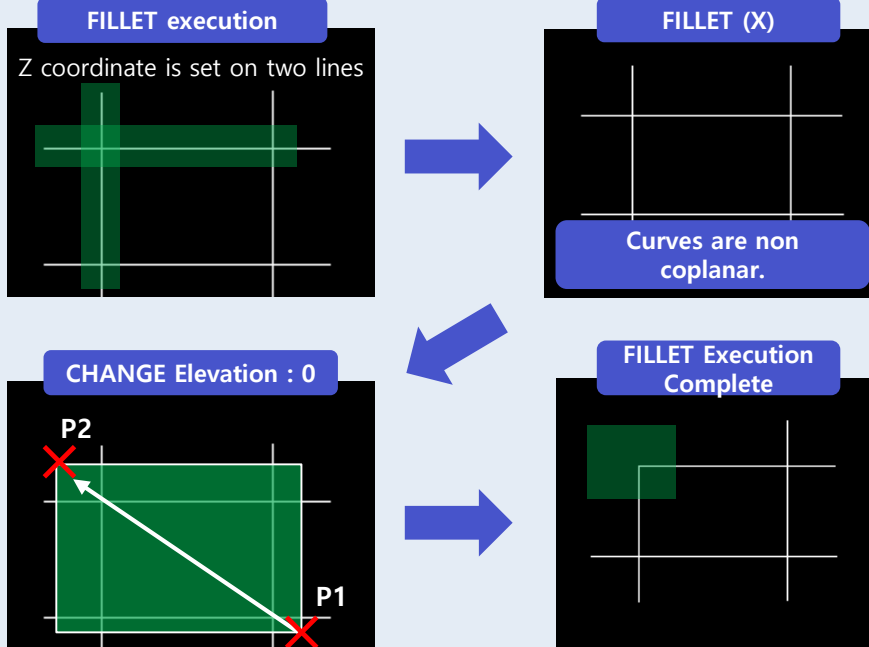
- In Step4, change to layer color if you select BYLAYER
- You can enter it in sky blue in step 6.

## Change – Properties(elevation)

Command : change(-ch)

```
Command: -CH
_CHANGE
Select entities to change:
Opposite corner:
4 found
Select entities to change:
Specify change point or [Properties]: p
Enter property to change [Color/Elev/Layer/LType/LtScale/LWeight/Thickness/Material/Annotative]: e
New current elevation <0.000000>: 0
Enter property to change [Color/Elev/Layer/LType/LtScale/LWeight/Thickness/Material/Annotative]:
```

### CHANGE(Elev) execution



### 기본 실행 과정

1. "Command : "change Input and SPACE
2. "Select entities to change:" P1
3. "Opposite corner:" P2 CLICK
4. "Specify change point or [Properties]:"  
P Input and ENTER
5. "Enter ~ [Color ~ /Annotative]:"  
E Input and ENTER
6. "New current elevation <Variety>:"  
0 Input and ENTER
7. "Enter~ [Color ~ /Annotative] : ENTER

### NOTE

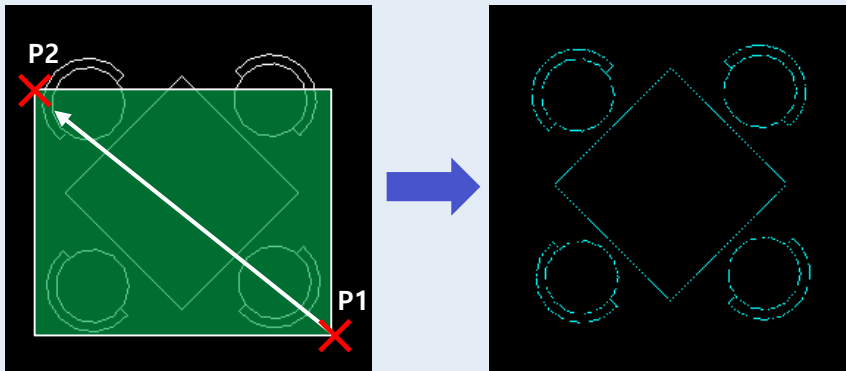
- It is also possible to input start Z / end Z in the Properties after selecting the entities

## Change – Properties(Layer)

Command : change(-ch)

```
Command: -CH
_CHANGE
Select entities to change:
Opposite corner:
10 found
Select entities to change:
Specify change point or [Properties]: p
Enter property to change [Color/Elev/LAyer/LType/LtScale/LWeight/Thickness/Material/Annotative]: la
New layer <0>: ETC
Enter property to change [Color/Elev/LAyer/LType/LtScale/LWeight/Thickness/Material/Annotative]:
```

### CHANGE(Layer) execution

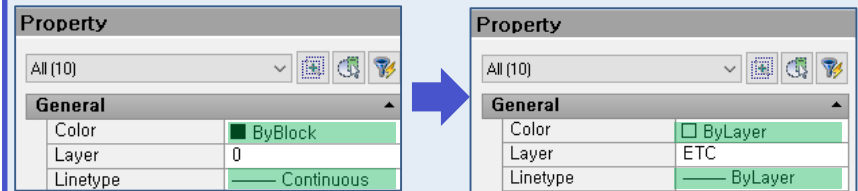


### Execution Process

1. "Command : "change Input and SPACE
2. "Select entities to change:" P1 CLICK
3. "Opposite corner:" P2 CLICK
4. "Specify change point or [Properties(P)]: " P Input and ENTER
5. "Enter ~ [Color ~/ Annotative]:" LA Input and ENTER
6. "New Layer <0>:" ETC Input and ENTER
7. "Enter ~ [Color ~/ Annotative]:" ENTER

### NOTE

-. If there is no change, check BYLAYER in each item in the Properties

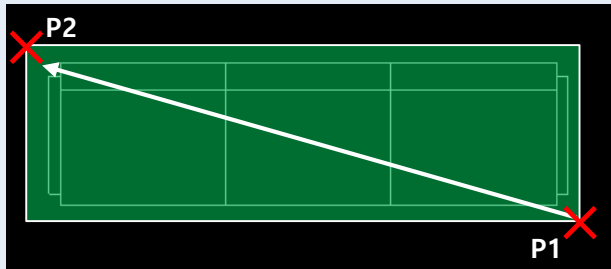


## Change – Properties(Line Type)

Command : change(-ch)

```
Command: -ch
_CHANGE
Select entities to change:
Opposite corner:
6 found
Select entities to change:
Specify change point or [Properties]: p
Enter property to change [Color/Elev/Layer/LType/LtScale/LWeight/Thickness/Material/Annotative]: LT
New linetype <Continuous>: HIDDEN
Enter property to change [Color/Elev/Layer/LType/LtScale/LWeight/Thickness/Material/Annotative]:
```

### CHANGE(linetype) execution



HIDDEN

CENTER2

### 기본 실행 과정

1. "Command : "change Input and SPACE
2. "Select entities to change:" P1 CLICK
3. "Opposite corner:" P2 CLICK
4. "Specify change point or [Properties(P)]: " P Input and ENTER
5. "Enter ~ [Color ~/ Annotative]: " T Input and ENTER
6. "New linetype <ByLayer>:" HIDDEN Input and ENTER
7. "Enter ~ [Color ~/ Annotative]:" ENTER

### NOTE

- Load linetype from the icad.lin file in the path "C:\WCADian\WCADian2020"
- If the linetype is not recognized, execute LINETYPE to add the linetype and execute CHANGE again

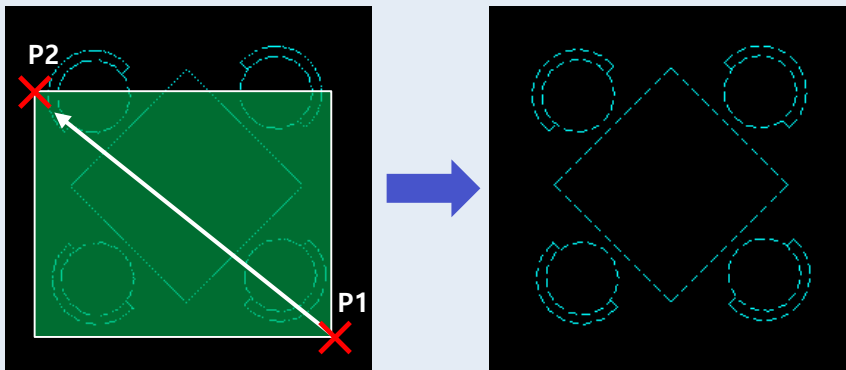


## Change – Properties(Scale)

Command : change(-ch)

```
Command: -CH
_CHANGE
Select entities to change:
Opposite corner:
13 found
Select entities to change:
Specify change point or [Properties]: p
Enter property to change [Color/Elev/LAyer/LType/lTScale/LWeight/Thickness/Material/Annotative]: s
New linetype scale <1.0000>: 10
Enter property to change [Color/Elev/LAyer/LType/lTScale/LWeight/Thickness/Material/Annotative]:
```

### CHANGE(Scale) execution



### Execution Process

1. "Command : "change Input and ENTER
2. "Select entities to change:" P1 CLICK
3. "Oppostie corner:" P2 CLICK
4. "Specify change point or [Properties]:"  
P Input and ENTER
5. "Enter ~ [Color ~/ Annotative]:"  
S Input and ENTER
6. "New linetype scale <1>:"  
10 Input and ENTER
7. "Enter ~ [Color ~/ Annotative]:" ENTER

## Change – Properties(Line weight)

Command : change(-ch)

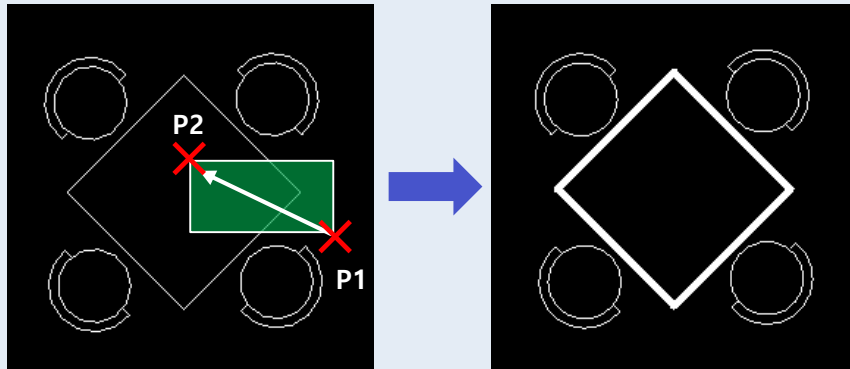
```

Command: -CH
_CHANGE
Select entities to change:
Opposite corner:
13 found
Select entities to change:
Specify change point or [Properties]: p
Enter property to change [Color/Elev/Layer/LType/LtScale/LWeight/Thickness/Material/Annotative]: LW
New Lineweight(-3 to 2.11) <ByLayer>: 0.4
Enter property to change [Color/Elev/Layer/LType/LtScale/LWeight/Thickness/Material/Annotative]:
    
```

### CHANGE(Line weight) execution



CLICK



### Execution Process

1. "Command : "change Input and SPACE
2. "Select entities to change:" P1 CLICK
3. "Oppostie corner:" P2 CLICK
4. "Specify change point or [Properties]:"  
P Input and ENTER
5. "Enter ~ [Color ~/ Annotative]:"  
LW Input and ENTER
6. "New Lineweight <1>:" 0.4 Input and ENTER
7. "Enter ~ [Color ~/ Annotative]:" ENTER

## Change – Properties(thickness)

Command : change(-ch)

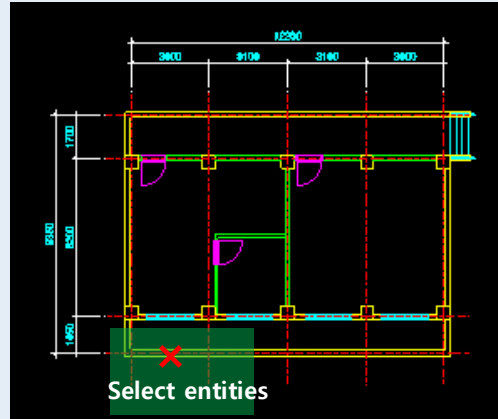
### Thickness

Ability to change thickness in Z direction

### NOTE

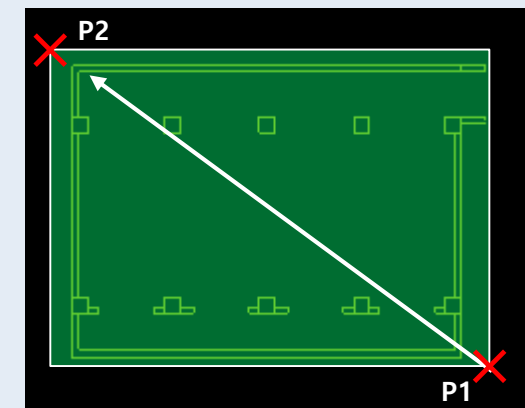
- It looks like 3d solid, but when you check it in Properties, it is a normal line entity.
- To work with 3d, you have to extrude it with the EXTRUDE command (for educational purposes)

### LAYISO execution



Select a yellow wall

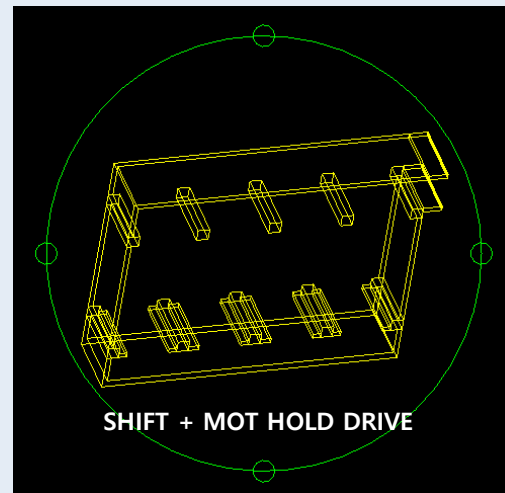
### CHANGE thickness execution



### CHANGE thickness Execution Process

1. "Command : "change Input and SPACE
2. "Select entities to change:" P1 CLICK
3. "Opposite corner:" P2 CLICK
4. "Specify ~[Properties(P):]"  
P Input and ENTER
5. "Enter ~ /Annotative:]"  
T Input and ENTER
6. "New thickness <0>:"  
2700 Input and ENTER
7. "Enter ~ /Annotative:]" ENTER

### Check thickness



# MATCHPROP

CADian 2020

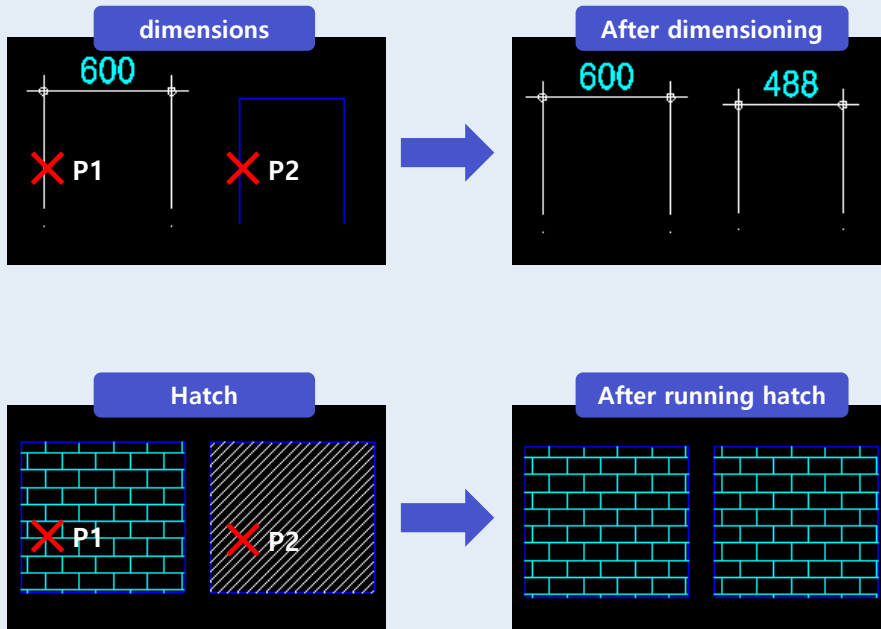


## Matchprop

Command : ma(Matchprop)

```
Command: ma
MATCHPROP
Select entity to copy properties from:
Current active settings: Color Layer Ltype LtScale Lineweight Thickness Pstyle Dim
Text Hatch Polyline Viewport Table Material Shadow display Multileader
Select entities to copy properties to or <Settings>:
Select entities to copy properties to or <Settings>:
```

### MATCHPROP execution

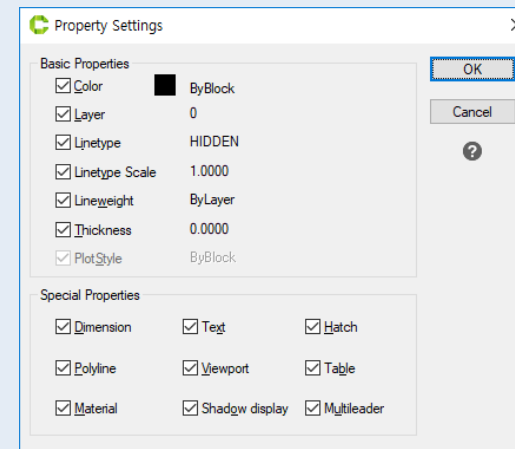


### Execution Process

1. "Command : "ma Input and SPACE
2. "Select entity to copy properties from:"  
P1 CLICK (Original entity) -> ENTER (X)
3. "Select entities to copy ~ <Setting>:"  
P2 CLICK and ENTER (Target entity)

### NOTE

- Increase efficiency when MATCHPROP execute (Properties copy)
- In step 3, when the S (Setting) is input, the dialog box for selecting item is opened



- Actual distance is not copied as dimension.