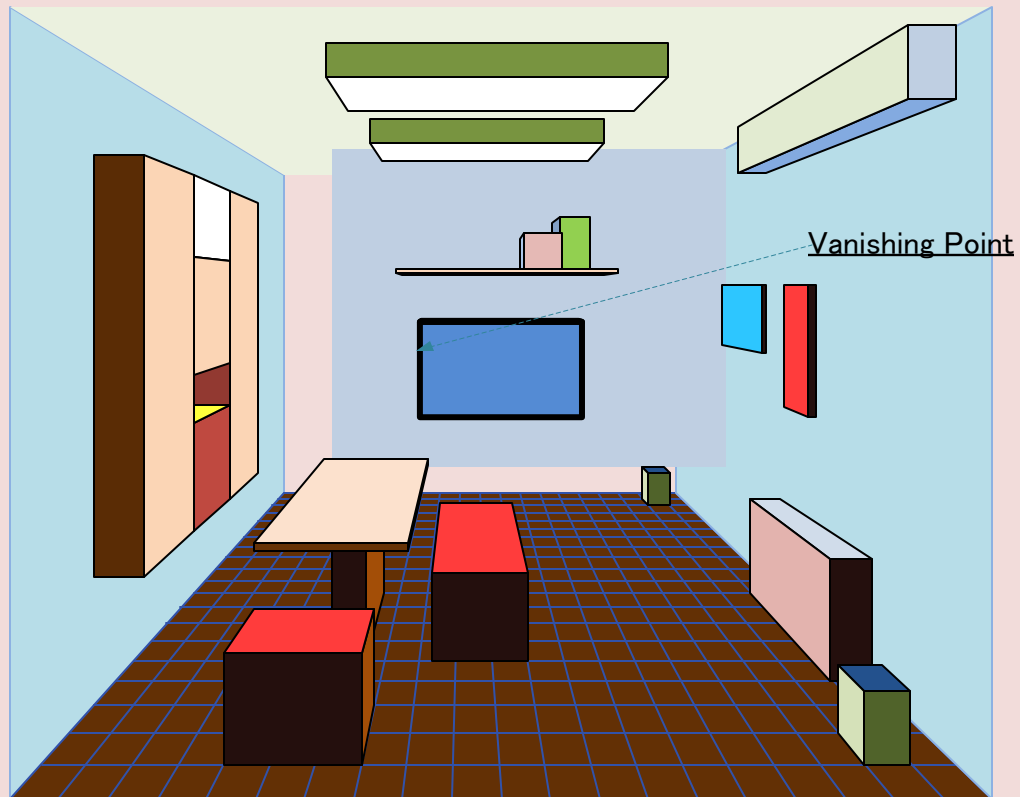


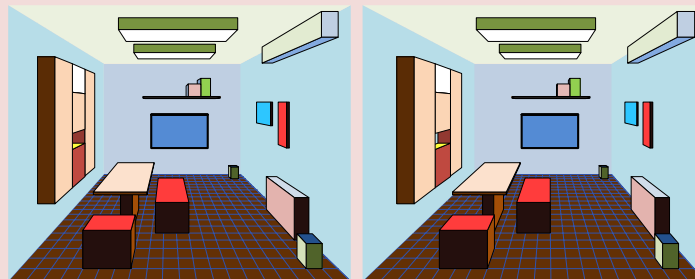
Visio Shapes for Perspective View Drafting

1 Why Perspective View with Visio?

Let me show an example.



When you once construct perspective view with prepared shapes, you can change view moving Vanishing Point shape.



2 views slightly differ in vanishing point make a set of stereogram.

You can see other Various example at Visio Guy Forum.
<http://visguy.com/vgforum/index.php?topic=1247.0>

Return to “STUDY of PERSPECTIVE VIEW with VISIO”

Visio Shapes for Perspective View Drafting

2 Stencils

Perspective One-Point.vss

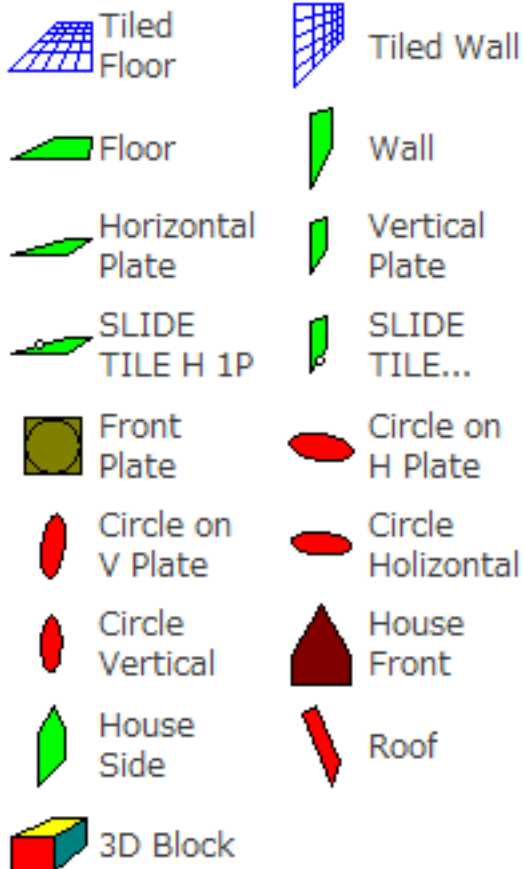
This stencil includes the shapes to construct one-point perspective views.

Perspective Two-Point.vss

This stencil includes the shapes to construct two-point perspective views.

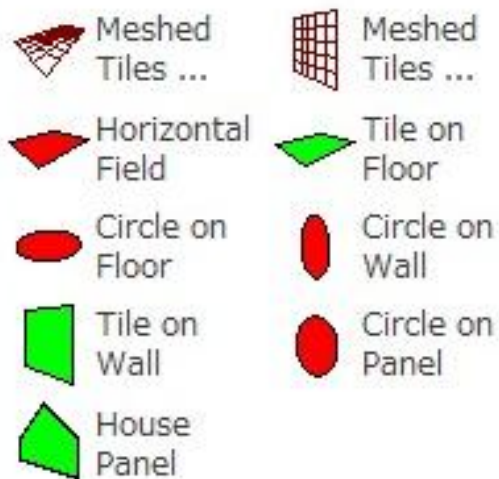
Perspective One-Point

ここにクイック図形をドロップします



Perspective Two-Point

ここにクイック図形をドロップします



Visio Shapes for Perspective View Drafting

Perspective Advanced Two-Point.vss

This stencil includes the shape already constructed as a group shape, such as pyramid 3D-lock, Cylinder.

Perspective Vanishing Points.vss

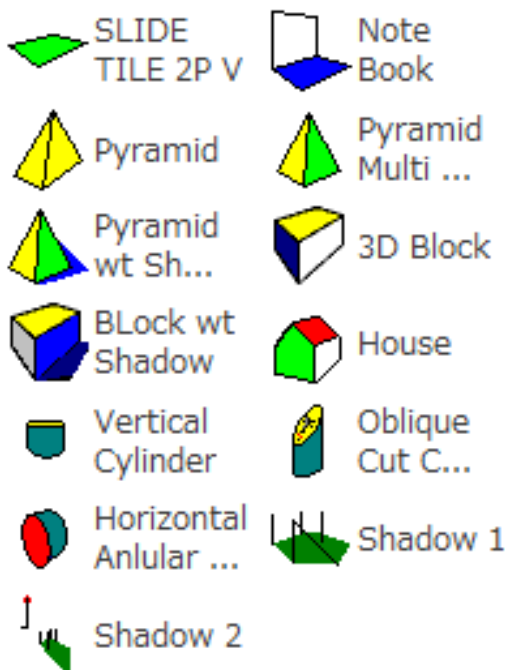
This stencil includes the shapes of vanishing point and a shape to start VBA macro for all shapes on a page.

Perspective Vanishing Points.vss

This stencil includes the shapes of vanishing point and a shape to start VBA macro for all shapes on a page.

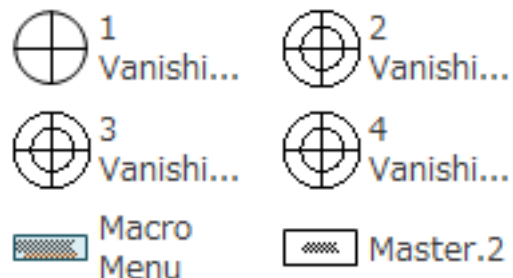
Perspective Advanced Two-P...

ここにクイック図形をドロップします



PersPective Vanishing Points

ここにクイック図形をドロップします



Perspective Three-Point

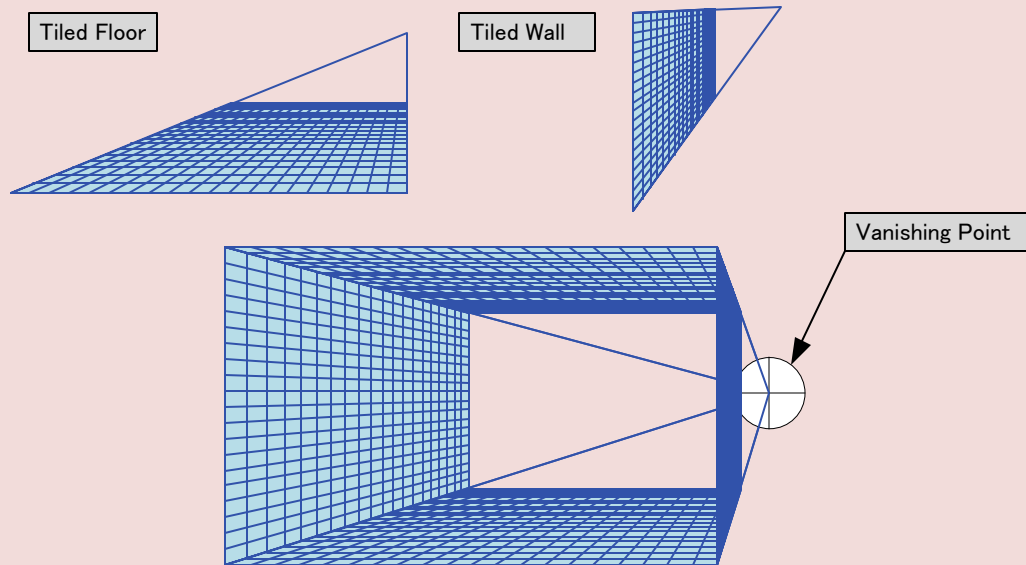
ここにクイック図形をドロップします



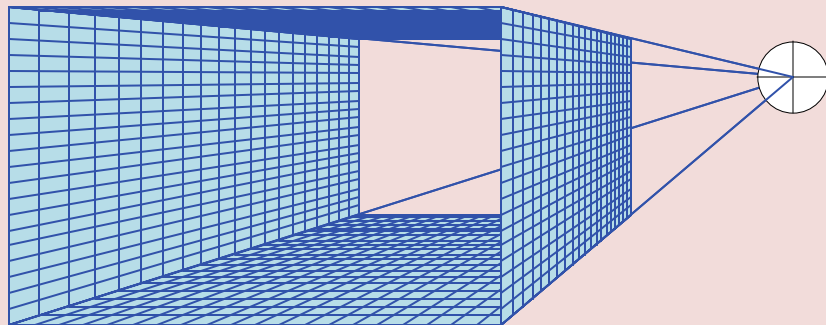
Visio Shapes for Perspective View Drafting

3 Perspective Shapes and Vanishing Point

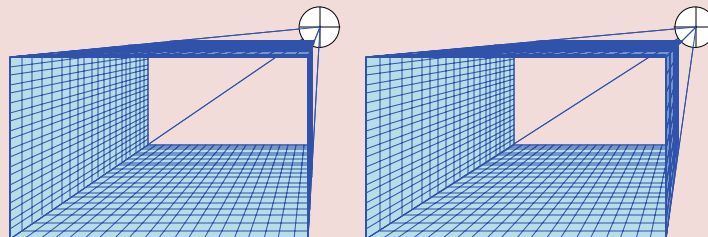
Let me show an example.



Sample perspective view made with 3 kind of shapes.



When you once construct perspective view with prepared shapes, you can change view moving Vanishing Point shape.



A pair of views slightly differ in vanishing point makes a set of stereogram.

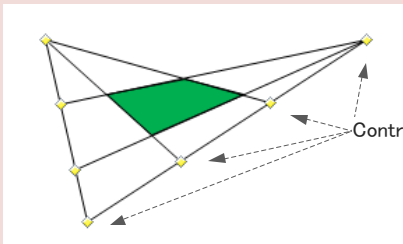
You can see another complex example at Visio Guy Forum.
<http://visguy.com/vgforum/index.php?topic=2664.0>

Visio Shapes for Perspective View Drafting

4 Control Points and Right Click menus

Each Shape for perspective view can be controlled by control points and by right-click menus.

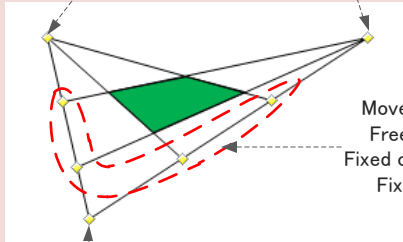
Control Points



Control Points

Moves freely on the page.

Moves horizontally, but moves freely, if menu Angular Field is selected.



Moves along line, if menu Free Depth is selected.
Fixed on the line, when menu Fix Depth is selected.

Moves freely on the page.

Right Click Menus

Main Menu

- Angle
- Frame
- Depth
- Color Map

Sub Menu

- Horizontal Field
- Angular Field

- Hide Frame
- Show Frame

- Fix Depth
- Free Depth

- Hide Color Map
- Show Color Map

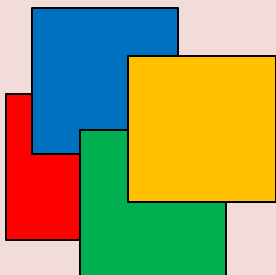
Macro Menu

- Hide and show all shapes frame.
 - Free and Fix all shapes depth.
 - Show and Hide all color maps.
- [Right click here and select menu.](#)

- Show All Frame
- Hide All Frame
- Fix All Depth
- Free All Depth
- Show All Color Map
- Hide All Color Map

Another Macro to Swap Z-order of Selected 2 shapes

That runs when you select 2 overlapped shapes.

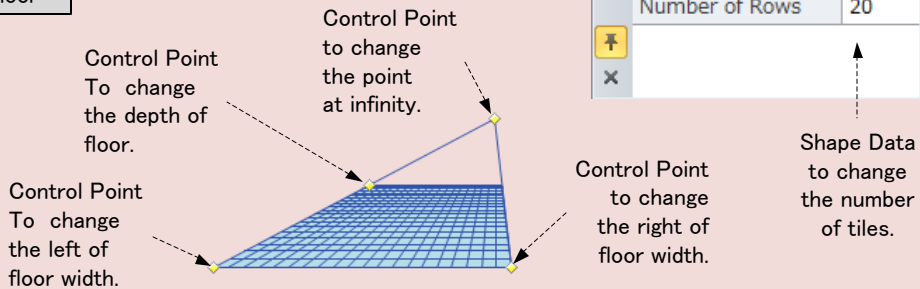


Visio Shapes for Perspective View Drafting

5

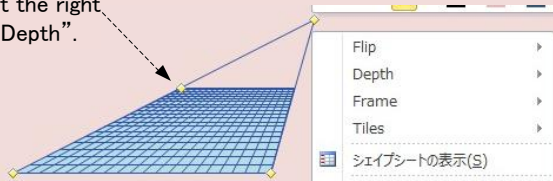
Behavior of Shapes for One-Point Perspective

Tiled Floor



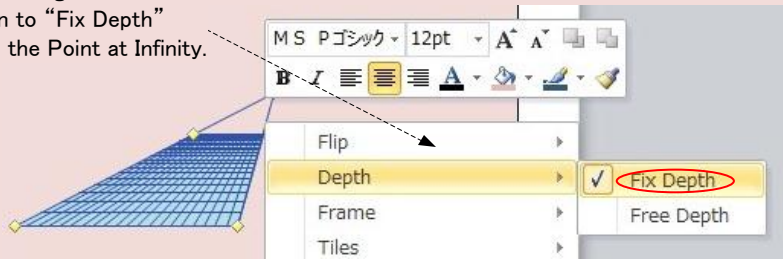
You need to select right click menu "Free Depth" to change the depth of floor.

To move this control point, you need to select the right click menu "Free Depth".

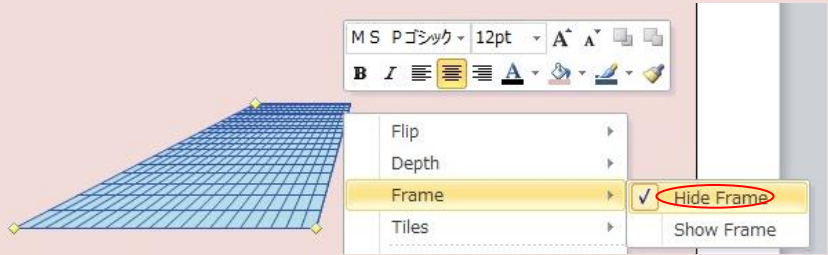


But you need to select right click menu and return to "Fix Depth" again to change the Point at Infinity.

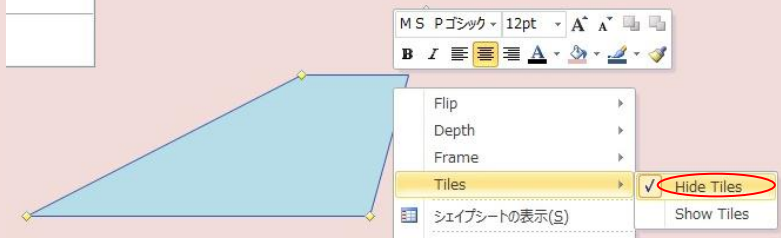
You need to select right click menu and return to "Fix Depth" again to change the Point at Infinity.



You can hide frame that does not need for perspective view by selecting right click menu "Hide Frame".

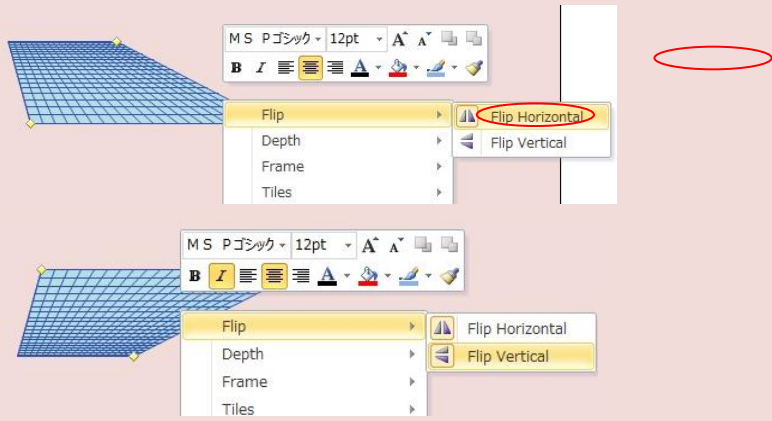


You can hide meshed tiles by selecting right click menu "Hide Tiles".

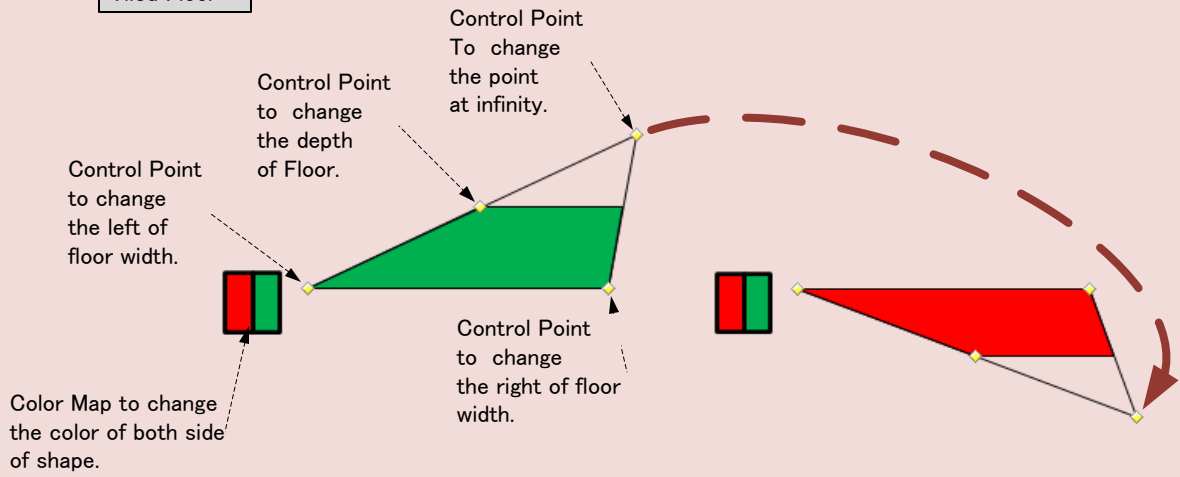


Visio Shapes for Perspective View Drafting

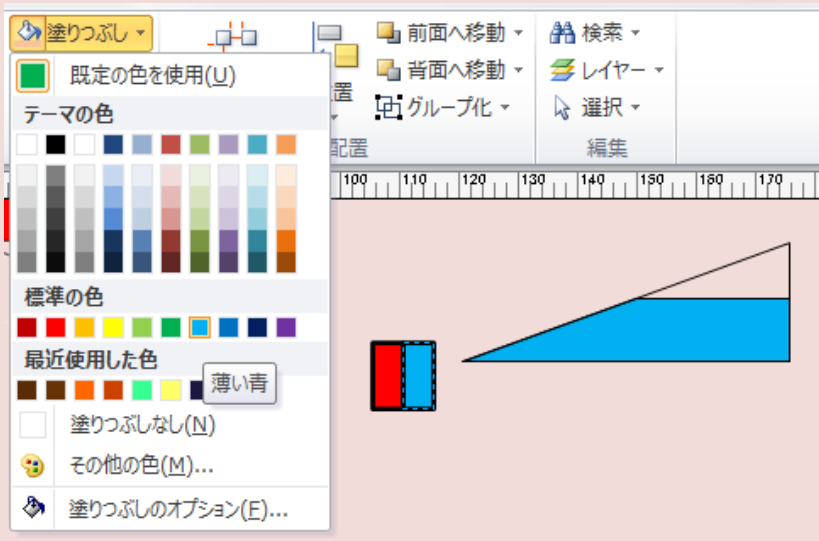
You can flip the shape with right click menu horizontally or vertically.



Tiled Floor



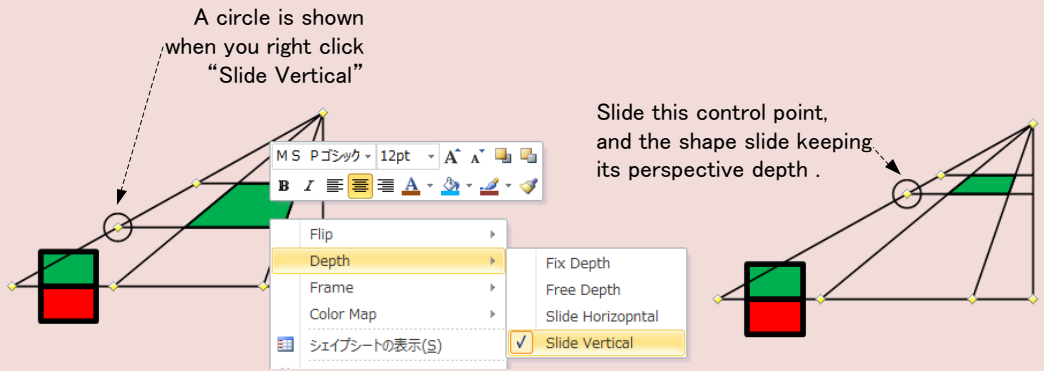
If you select the color map, you can change the color of the shape. You can change not only front side but also back side that is now seen. You can change color by selecting Fill Color in Visio menu and select any color in the palette. You can change color on both side of the shape, front and back.



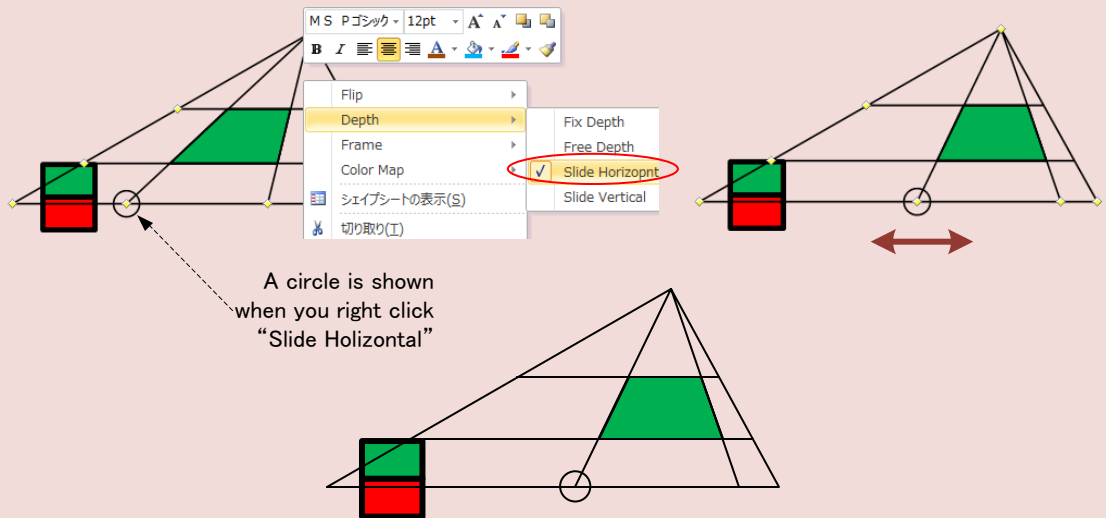
Visio Shapes for Perspective View Drafting

SLIDE TILE 1P

The shape can slide on the frame from near to far keeping its perspective depth.

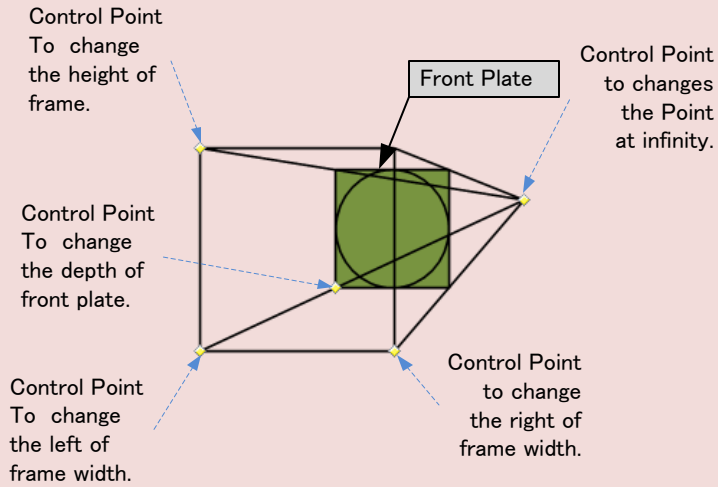


The shape can slide on the frame horizontally keeping its width.

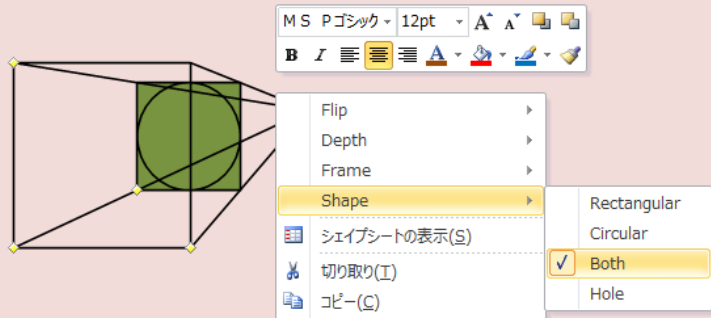


Visio Shapes for Perspective View Drafting

Front Plate

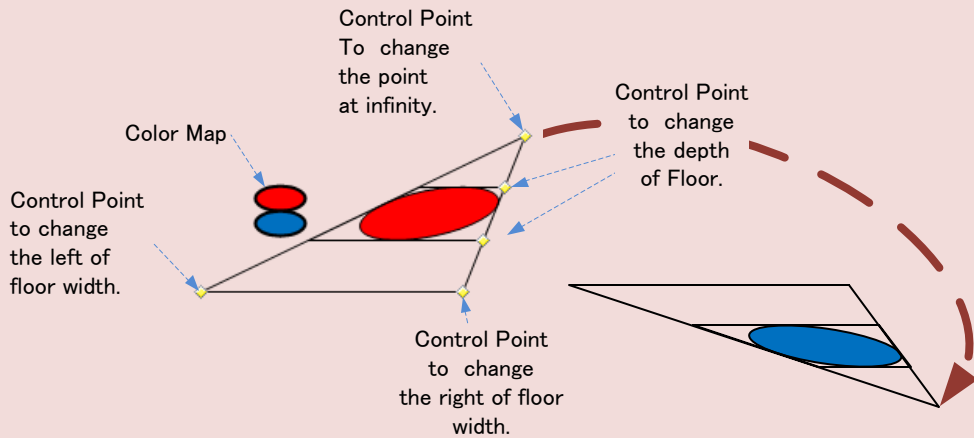


You can change the shape of plate, rectangular or circular with sub menu Shapa.



Circle on Horizontal Plate

The stencil "Perspective Vanishing Point" must be opened, because VBA macro calculates the location of ellipse.



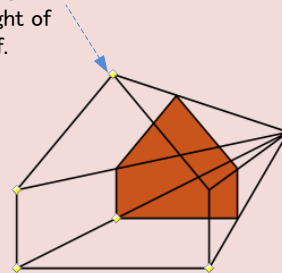
Right click menus are almost same as other shapes.

Visio Shapes for Perspective View Drafting

House Front

Almost same as Front Plate.

Control Point to change the height of the roof.



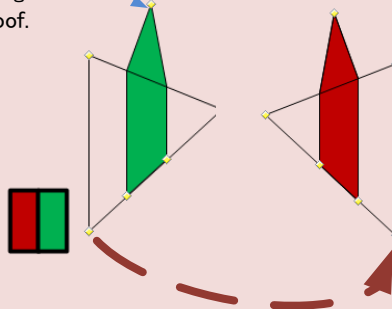
House Side

Almost same as House Front, but

1. top of roof can be changed, when depth is free.

2. has color map to change color of left and right side.

Control Point to change the height of the roof.

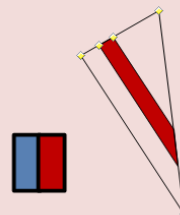
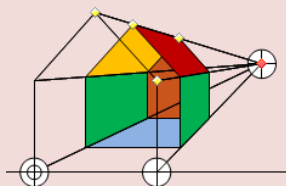


Roof

Almost same as Horizontal or Vertical Plate, but

1. can be slant as much as necessary.

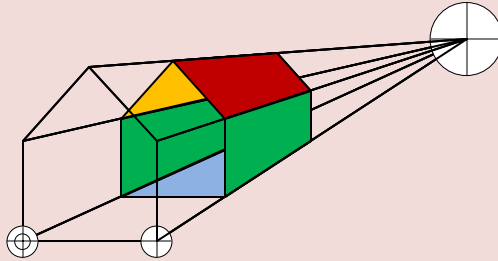
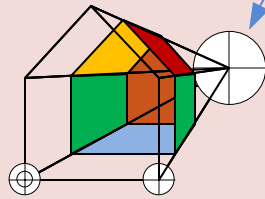
2. You can construct house roof .



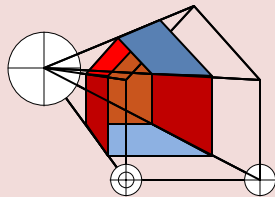
Visio Shapes for Perspective View Drafting

3. And you can change the view moving Vanishing point.

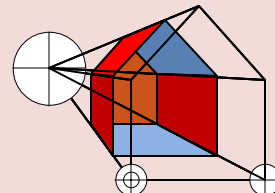
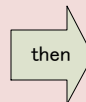
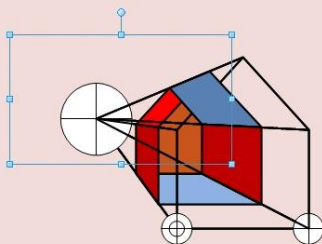
Select vanishing point and move with mouse or arrow keys.



4. But something wrong with next view



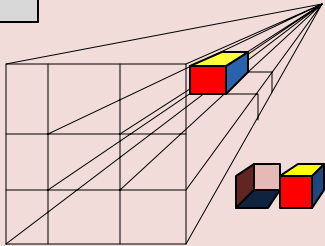
5. Now select roofs and macro start, then press Yes.



This is the macro to swap z-order of selected 2 shapes.

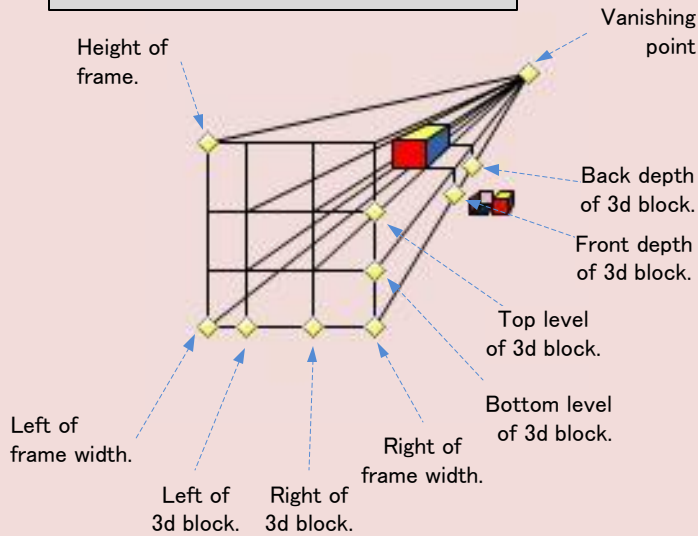
Visio Shapes for Perspective View Drafting

3D Block

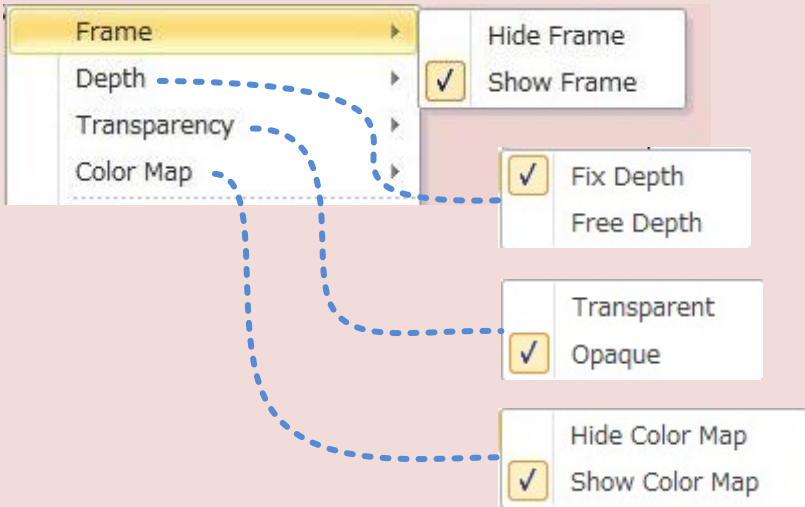


All furniture in the room on the view at 1st page are made with this shape.

Description of control points that change ,,,



Right click menus of 3D Block

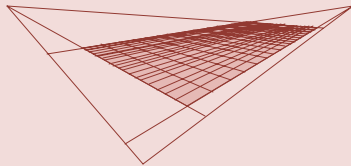


Visio Shapes for Perspective View Drafting

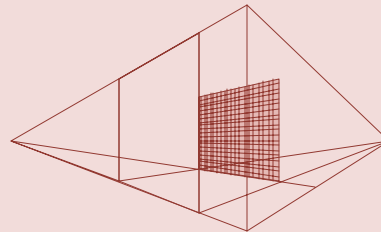
6

Behavior of Shapes for 2-Point Perspective

Meshed Tiles on Floor

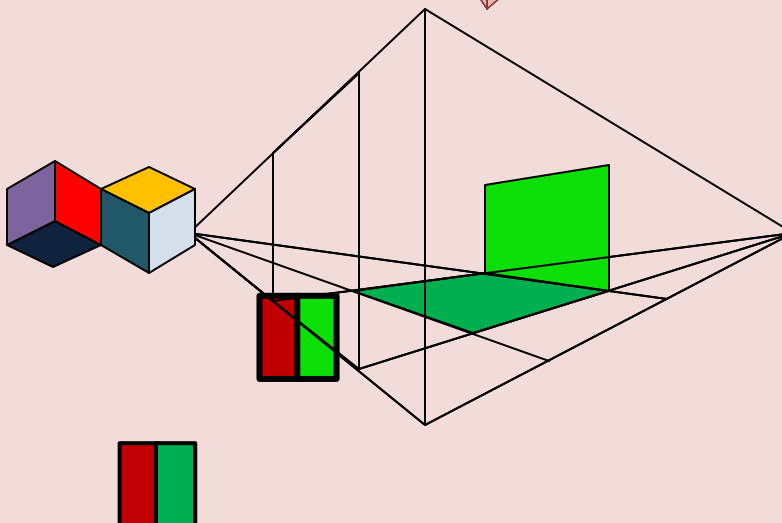
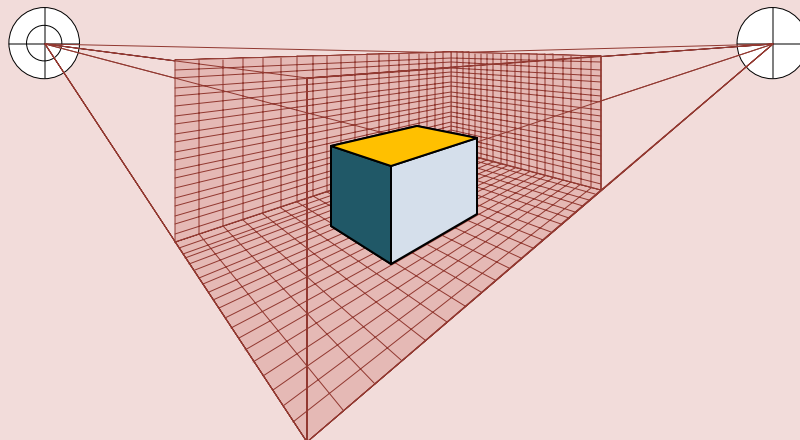


Meshed Tiles On Wall



When you drop it from stencil on the page, the shape data window opens that shows the number of mesh, row and column. You can then change the number of mesh editing shape data. The maximum number is 20.

You can make a room using upper 2 shapes and vanishing points



Return to "STUDY of PERSPECTIVE VIEW with VISIO"