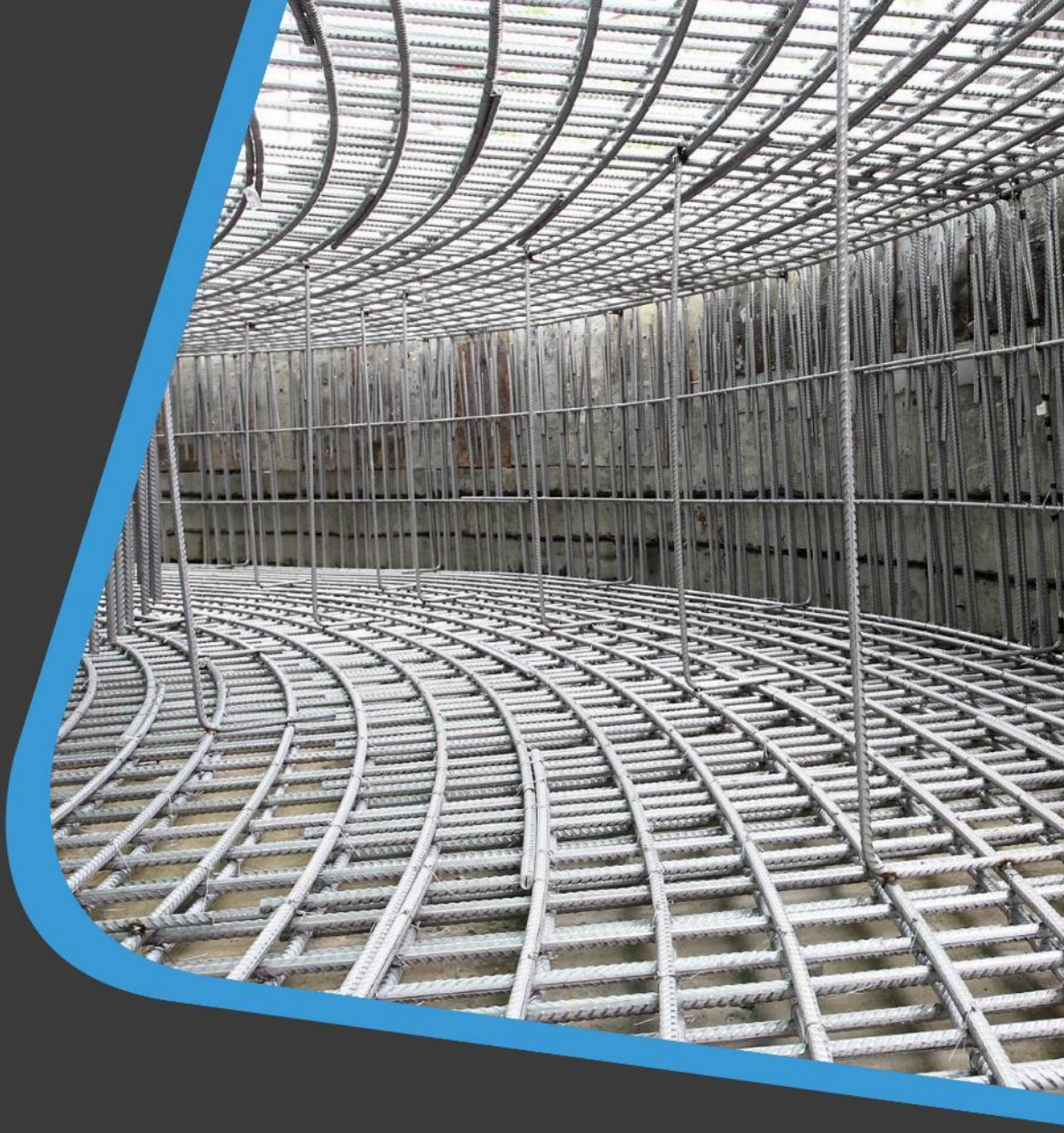


CADS Viewport Manager
User Guide

CADS
GLOBAL CONSTRUCTION
SOFTWARE AND SERVICES

AUTODESK
Authorised Developer

Microsoft
Partner

Contents

1 Introduction

CADS VPM has been designed to work with AutoCAD and AutoCAD Architectural version 2026.

CADS VPM is an intelligent program that gives the user a great deal of flexibility in setting up and managing model/paper space viewports in AutoCAD. CADS VPM works with any AutoCAD drawing.

CADS VPM features several improvements when compared to CADS-SCALE;

- The working scale of the drawing changes automatically as the mouse moves from one viewport to another in layout space. If working in model space the working scale of the drawing changes as the mouse passes across each red viewport region.
- There are viewport regions in the Model space that are associated with the viewport in the layout space. If the viewport or viewport region is resized the associated viewport or viewport region resizes as well.
- AutoCAD annotations such as dimensions and text are automatically rescaled to the scale of the viewport.
- The drawing sheet set-up command, Create Layout will support the use of user defined title blocks, and allows the definition of a plot device, plot style and paper size.
- Dimensioning and text notes within the viewports remain scale-independent; (i.e. the plotted height of these entities remains constant across the entire drawing.)
- CADS VPM also supports non rectangular viewports.
- Also CADS VPM relies on the system variable DIMSCALE to be set relative to the current working scale, the program does this automatically.
- Please note that CADS VPM does not support Annotative Dimensions or Annotative Text.

2 Program Features & Installation Requirements

2.1 Hardware and Software Requirements

2.1.1 Hardware

A computer capable of running AutoCAD 2026 or higher; or AutoCAD Architecture 2026 or higher is a requirement. Please refer to the Autodesk website for detailed specifications of hardware for AutoCAD.

2.1.2 Software

CADS VPM supports Windows 10 and 11 installed with AutoCAD and AutoCAD Architecture version 2026.

2.2 Program Features

CADS VPM has been primarily designed to manage the scaling in your paper space viewports.

The program offers the following features:

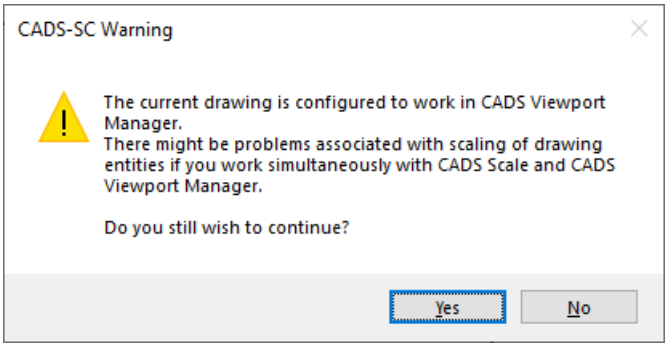
- Viewports can be allocated names, displayed and plotted.
- The scale of the viewport can be displayed and plotted.
- The working scale changes automatically while drawing within the viewport region.
- Text for the dimensions and the viewports remain constant throughout the drawing.
- AutoCAD Text and Mtext will remain constant in operations such as copying and moving across viewport regions.
- Most options are user configurable in order to set the program defaults.
- The Viewport Region can be constructed through a viewport or directly from the model space by selecting the area of the drawing and specifying the scale. The user is then prompted to place the viewport in the Paper Space.
- Viewports can be easily resized or moved using standard AutoCAD editing commands to suit any layout.
- Non rectangular viewports can be created.

2.3 Installation

Full detailed instructions for installing all CADS Detailing Applications which include CADS VPM can be found in the accompanying CADS AutoCAD Detailing Applications Installation Guide.

2.3.1 Loading Other CADS Applications with CADS VPM

This version of CADS VPM has NOT been designed to work with CADS Scale software. If you try to run both applications in the same drawing the following warning will be displayed. You are advised not to continue.



CADS Scale Warning Message

2.3.2 CADS VPM Ribbon Panel

The CADS VPM Panel is automatically added to the RebarCAD Ribbon.

CADS VPM Panel and Drop Down Menu

2.3.3 Loading the CADS VPM Toolbar

CADS VPM Toolbar

The CADS VPM toolbar is not loaded automatically as the commands now appear on the Ribbon menu. However, if the toolbar is required, load the pull down menus by typing “Menubar” at the AutoCAD command line and set it to 1. Then go to the Tools menu, select Toolbars then CADS VPM and then CADS VPM.

3 Command Guide

3.1 CADS VPM Commands

Any function that requires the user to select a viewport will automatically check if you are already 'inside' a viewport. If a viewport is active, then the command will automatically select that one; otherwise you will be requested to pick one.

3.2 Set Working Scale

CADS VPM Panel – Set Working Scale 

Explanation

Defines the default working scale for the drawing.

Whenever a new drawing is created this command gets invoked automatically to define the working scale of the drawing for the first time. This scale value is used for entities which are not part of any viewport.

Note: If working with several different viewports on a drawing keep the background working scale of the drawing at 1:1.

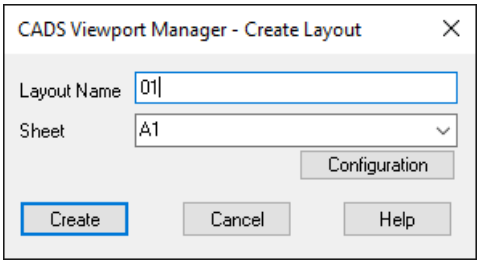
3.3 Create Layout

CADS VPM Panel – Create Layout 

Explanation

This command allows you to create a new AutoCAD Layout quickly with a predefined paper size, plot style and title block.

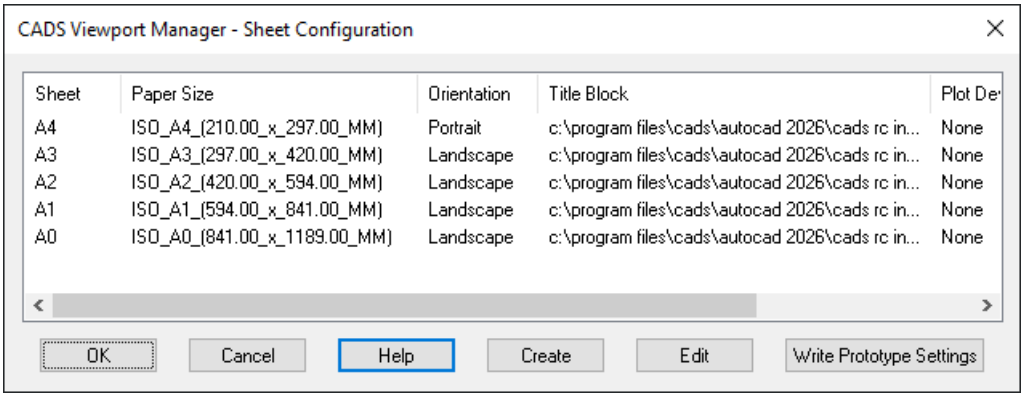
Enter the Layout name and select a sheet from the list. Selecting "Create" adds a new layout to the drawing file with the options selected and makes it active.



Create Layout dialog

3.3.1 Sheet Configuration

Selecting the option “Configuration” displays the “Sheet configuration” dialog box where predefined sheets can be Created / Modified. Please refer to the chapter “on “Sheet Configuration” for further details.



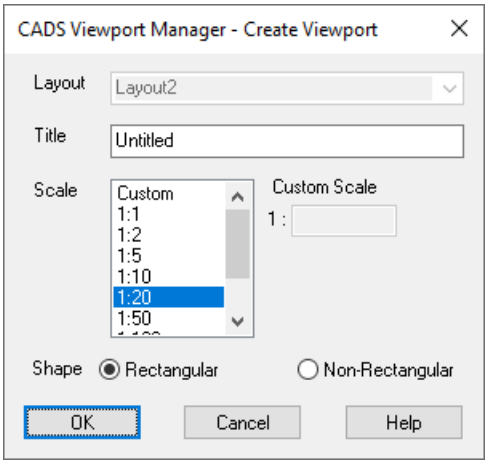
Sheet Configuration dialog

3.4 Create Viewport

CADS VPM Panel – Create Viewport 

Explanation

This command allows the user to create a new viewport either through Model space or from a Layout.



Create Viewport dialog

3.4.1 Layout Space

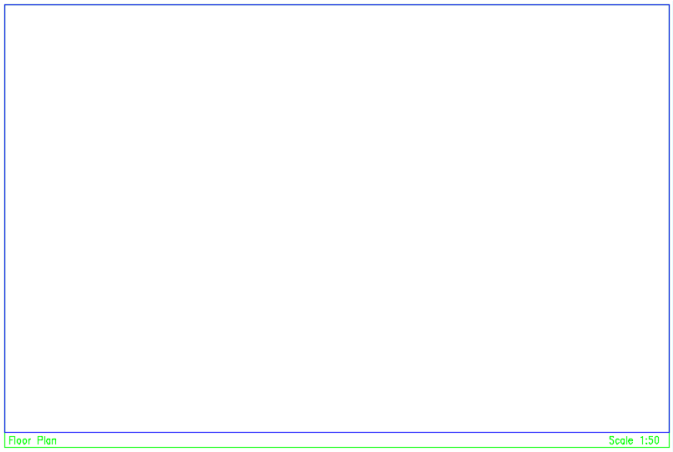
If the command is invoked from Layout Space, the dialog box above is displayed. Enter a title if required and select the scale for the viewport and click OK.

The command then prompts for the two corner points for the viewport. On selecting the corner points, the viewport is created in the active Layout and then it asks for the positioning of the viewport region in the Model space.

3.4.2 Model Space

If the command is invoked from model space, the Create View Dialog shown above will be displayed. The Layout option will be active, select which layout to add the viewport, enter a title if required and select the scale. Pick the corner points to form the viewport region in model space, this could be around an existing detail. The command will then switch to layout space and prompt for the positioning of the viewport. If the detail was drawn at a different scale its entities will be automatically rescaled to suit the viewport scale.

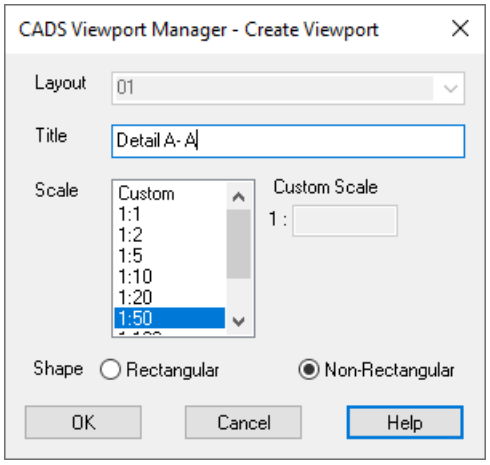
The Inserted viewport carries the title and the scale as shown below.



Rectangular Viewport

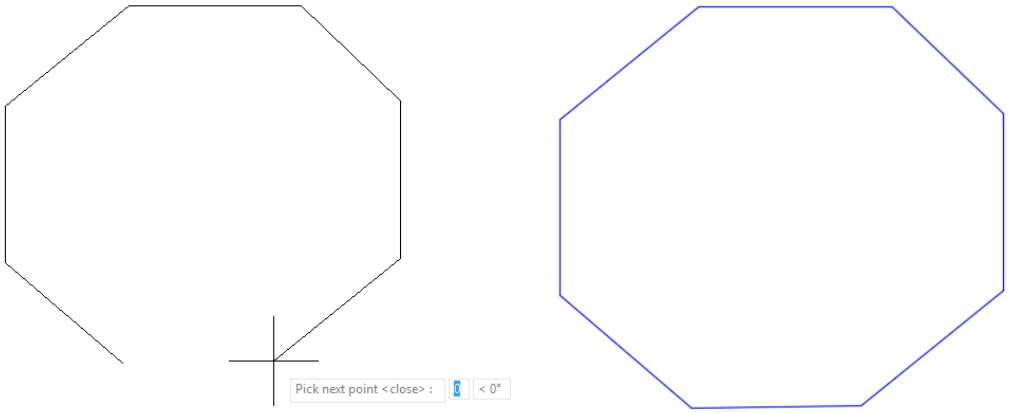
3.4.3 Create Viewport dialog – Non-rectangular option

In the Create Viewport dialog select Layout, type in the title and select the scale as before and then click on the Non-Rectangular option. Click ok to continue.



Create Viewport dialog

Pick the outline of the viewport, use the close option to finish the viewport.

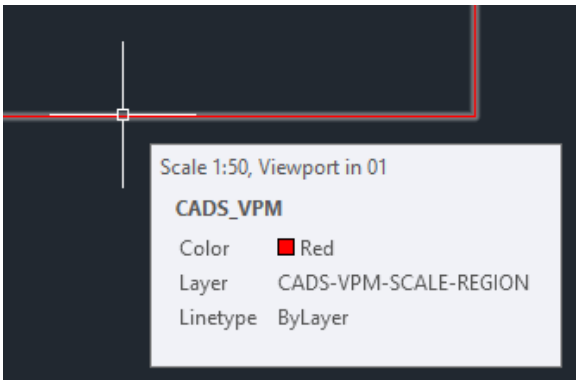


Non-Rectangular Viewport

Please note that the finished viewport does not have a title or the scale shown.

Hints & Tips

If you hover over the boundary for the viewport region in model space, the Scale and Layout association are displayed in the Tooltips.

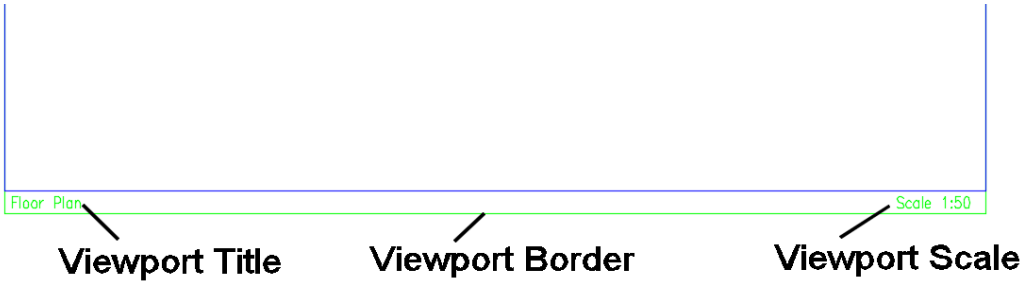


CADS VPM Tooltip

3.5 Toggle Options for Viewport Title, Borders and Scale

Explanation

These commands toggle the borders, the viewport title and the scale text on or off, that appear in the layout/s.



Layout Space Viewport elements

3.5.1 Toggle Viewport Borders On/Off

CADS VPM Panel – Drop Down Menu – Toggle Viewport Borders On/Off 

This command toggles the border of the selected viewports on or off.

3.5.2 Toggle Viewport Titles On/Off

CADS VPM Panel – Drop Down Menu – Toggle Viewport Titles On/Off 

This command toggles the title of the selected viewports on or off.

3.5.3 Toggle Viewport Scale Text On/Off

CADS VPM Panel – Drop Down Menu – Toggle Viewport Scale Text On/Off 

This command toggles the scale text of the selected viewports on or off.

3.5.4 Toggle All On/Off

CADS VPM Panel – Drop Down Menu – Toggle All On/Off 

This command toggles the scale text, the borders, and the viewport title of the selected viewports on or off.

3.6 Zoom Screen to Viewport

CADS VPM Panel – Drop Down Menu – Zoom Screen to Viewport 

Explanation

This command will zoom to the extent of a selected Viewport in the layout and display it at the maximum possible size on the screen. To return to the full layout view of the whole drawing, switch to paper space and then use Zoom Extents.

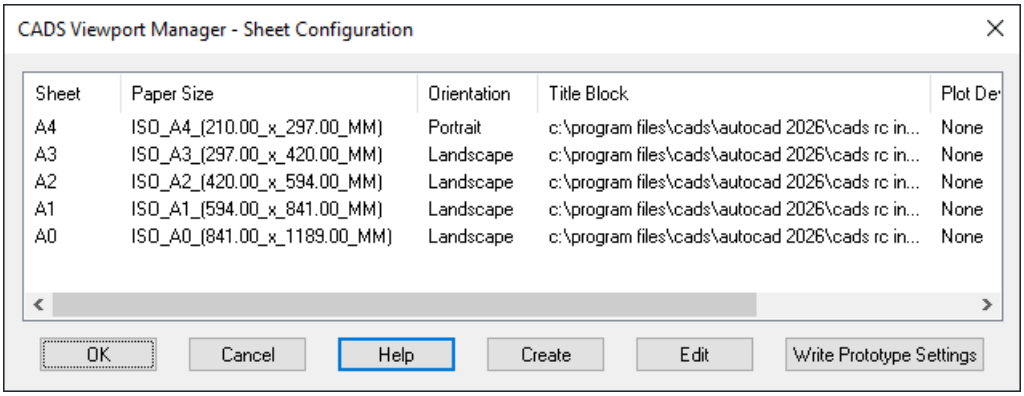
The display will zoom into the selected viewport.

3.7 Sheet Configuration

CADS VPM Panel – Drop Down Menu – Sheet Configuration 

Explanation

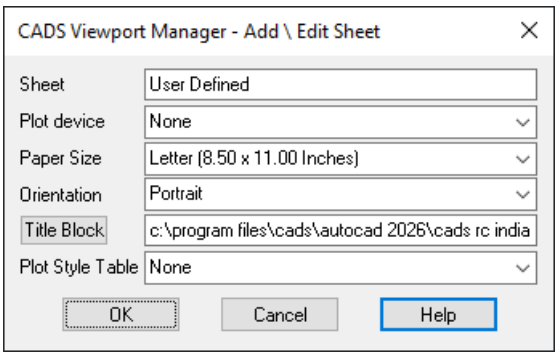
This option allows the user to define their own sheet configuration and modify the existing sheet configurations.



CADS VPM Sheet Configuration Dialog

3.7.1 Create

Selecting the Create option displays the following dialog.



CADS VPM Create Sheet Dialog

Enter the following details;

Sheet: Enter the sheet name to appear in the Create Layout dialog, this could be the sheet size and company name.

Plot Device: Select a Plot device from the drop down list to be used when plotting this sheet, this option can be left set to None so the plotter can be selected later.

Paper Size: Select the paper size from the list of sizes available for the configured plotter.

Orientation: Choose whether the sheet should be created with a Portrait or Landscape orientation.

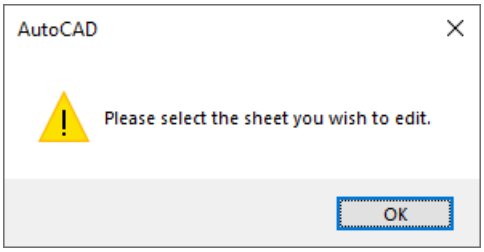
Title Block: Browse to select the Title block that will be inserted in the layout. Please note that the title block should be drawn in model space at a scale of 1:1.

Plot Style table: Select the Plot style tables available from the drop down list.

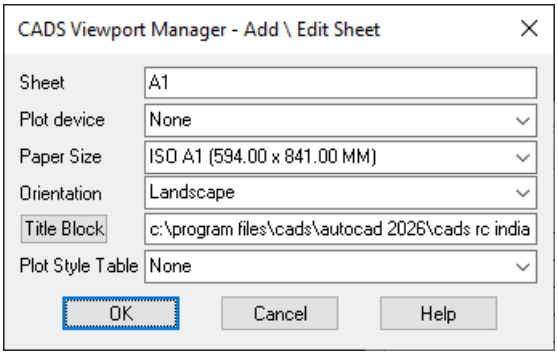
Selecting OK creates a new Sheet configuration which is stored for the drawing and can be used at any time for that drawing. If the new sheet configuration needs to be available for all new drawings, select the Write Prototype Settings on the Sheet Configuration dialog.

3.7.2 Edit

Selecting the "Edit" option allows the user to modify the existing sheet configuration. If you do not select one of the sheet definitions in the dialog the following dialog is displayed. The options in the dialog are described above in the Create chapter.

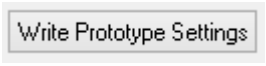


CADS VPM Advisory Message

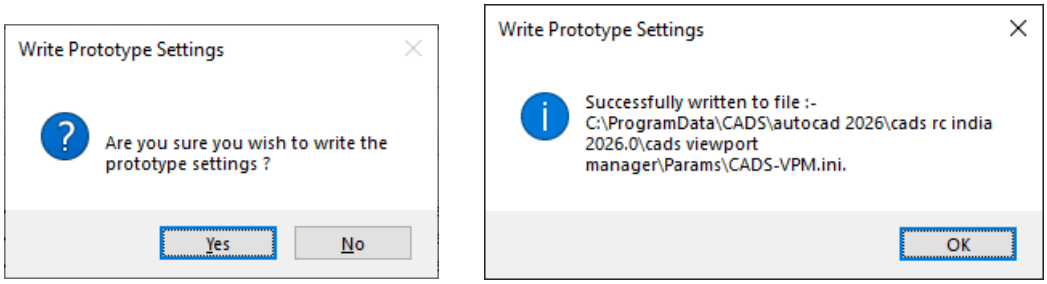


CADS VPM Edit Sheet Dialog

3.7.3 Write Prototype Settings



The Write Prototype Settings option will save any changes made to the CADS VPM Configuration to a CADS-VPM.INI file in the "C:\ProgramData\CADS\AutoCAD 20xx\cads viewport manager 20xx\Params" folder. The AutoCAD and RebarCAD version may vary on your PC. This means that all new drawings that use CADS VPM will read this INI file and load up the configuration for the program from this file. The CADS-VPM.INI file can be copied from one PC to another provided that the configured title blocks are transferred as well. When the option is selected the Confirmation and location dialog boxes appear.



Write Prototype Settings Confirmation dialog & File Location and Name dialog

3.8 General Configuration

CADS VPM Panel – Drop Down Menu – General Configuration 

Explanation

This option allows the user to modify the global configuration settings of CADS VPM.

Global Configuration dialog

Select the group item for which the configuration needs to be changed in the combo box. This displays the list of available configuration items as shown in the dialog. Select the configuration item and change the value and then click the “Assign to CFG.” option. This will update the current configuration and make it available for the current drawing only.

See Chapter 4 for an explanation of each of the General Configuration Settings.

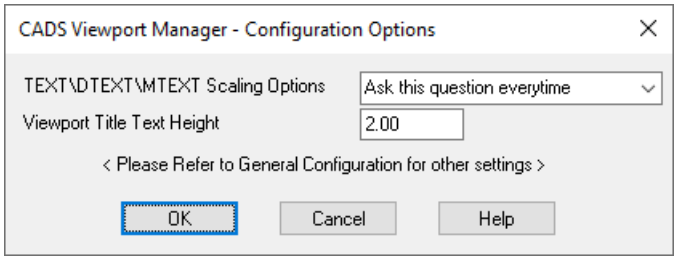
3.9 Configuration Options

CADS VPM Panel – Drop Down Menu –Configuration Options 

Explanation

This option allows the text scaling configuration options to be set.

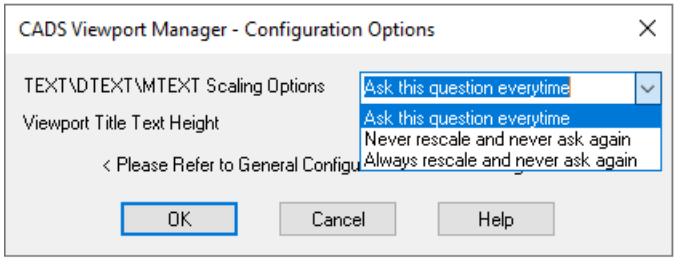
Selecting this option displays the following dialog.



Configuration Options dialog

3.9.1 Text / Dtext / Mtext Scaling Options:

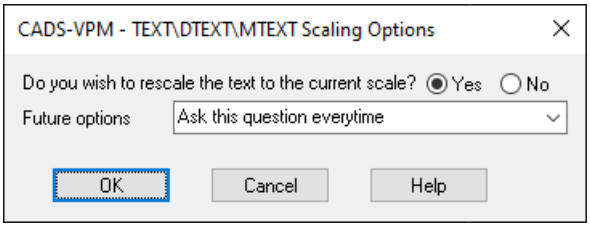
The following options allow the user to configure the scaling requirement for the Text/Dtext/Mtext while copying operations are in progress.



Configuration Options dialog

3.9.2 Ask this question every time:

The Scaling Options dialog, shown below, is displayed whenever the Copy / Move operations are made across the viewports.

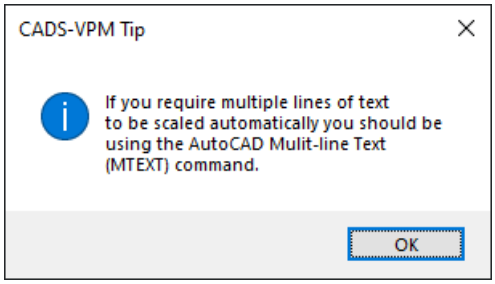


CADS VPM Text Scaling options dialog

Selecting “Yes” scales the text and selecting “No” will not rescale.

Therefore, when placing text in model space, if the text height is specified when as the plotted height i.e. 4mm and you select Yes to the scaling it will increase the height of the text by the scale of the viewport. So for a 1:20 viewport 4mm text will be rescaled to 80mm in model space.

If you have chosen the “Ask this question everytime” option, the first time it is invoked the following tip will be displayed.



CADS VPM Text Tip

3.9.3 Never rescale and never ask again:

Scaling will not be carried out and the scaling option dialog will not be displayed every time.

3.9.4 Always rescale and never ask again:

Scaling will be done always and the scale option dialog will not be displayed every time.

3.9.5 Viewport Title Text Height

This option allows the user to set the text height of the viewport title in the viewport.

3.10 Refresh Detail

CADS VPM Panel – Refresh Detail 

Explanation

This refreshes the contents of all the viewports and the Viewport Region. This command is especially useful if some of the entities fail to rescale correctly when being copied or moved between viewports.

3.11 Editing Options for Scale Region and Viewport

Explanation

Some of the basic AutoCAD commands viz. Move, Grip Stretch etc. are supported for the Viewports Regions and Viewport.

The following operations are not supported for the Viewports or the Viewport Regions.

1. Copying the Viewports or the Viewport Regions
2. Scaling
3. Mirroring, Arraying or Rotating

3.12 About CADS VPM

Explanation

Lists information about the version and build number of CADS VPM, as well as contact telephone and e-mail numbers for the support and sales departments.

4 Worked Examples

4.1 Creating a Layout and Adding Viewports

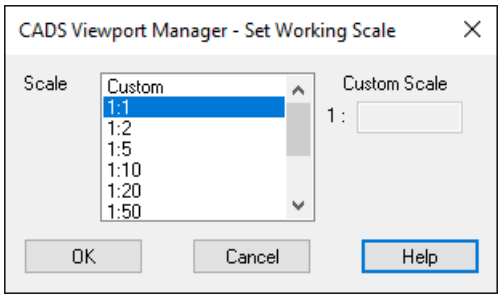
This example explains how to create a layout using CADS VPM and add viewports of differing scales

4.1.1 Creating a Layout

1. Viewport Manager Panel – Create Layout 

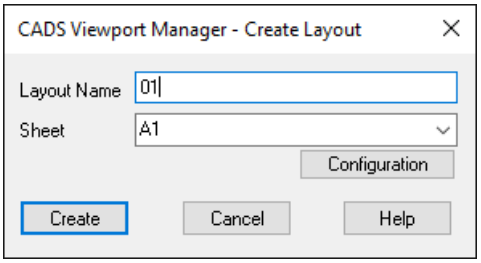
   If this is the first time CADS VPM has been used on a drawing the Set Working Scale dialog is displayed.

2. Choose 1:1 and click Ok



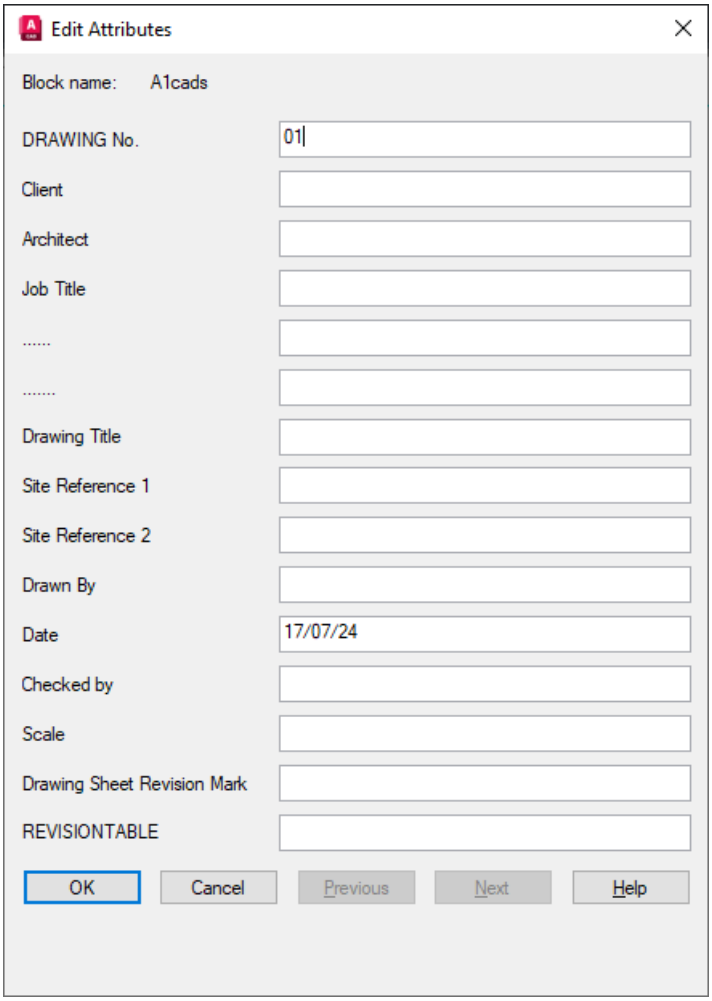
Set Working Scale dialog

3. Change the Layout name to 01 and accept the A1 sheet size, then click Create

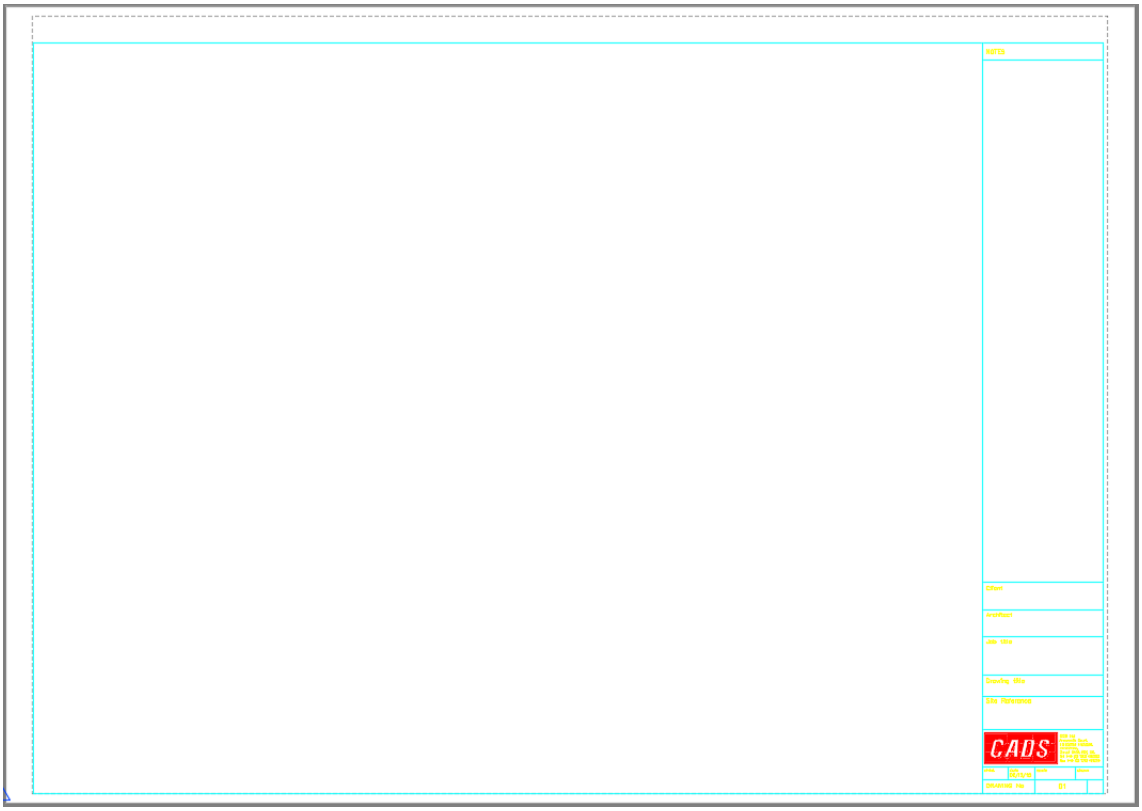


Create Layout dialog

4. Type in 01 for the Drawing Number to match the Layout Name and click Ok



AutoCAD Edit Attribute dialog



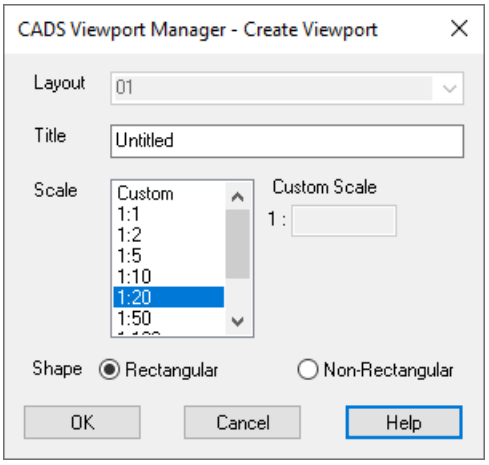
Drawing Sheet 01 in Paper Space

This completes this exercise.

4.1.2 Creating a Viewport

1. If not already in Paper Space, swap to Paper Space
2. Select Viewport Manager Panel – Create Viewport 

   You can add a title to the viewport if required, select 1:20 Scale, make sure the Shape is set to Rectangle and click Ok

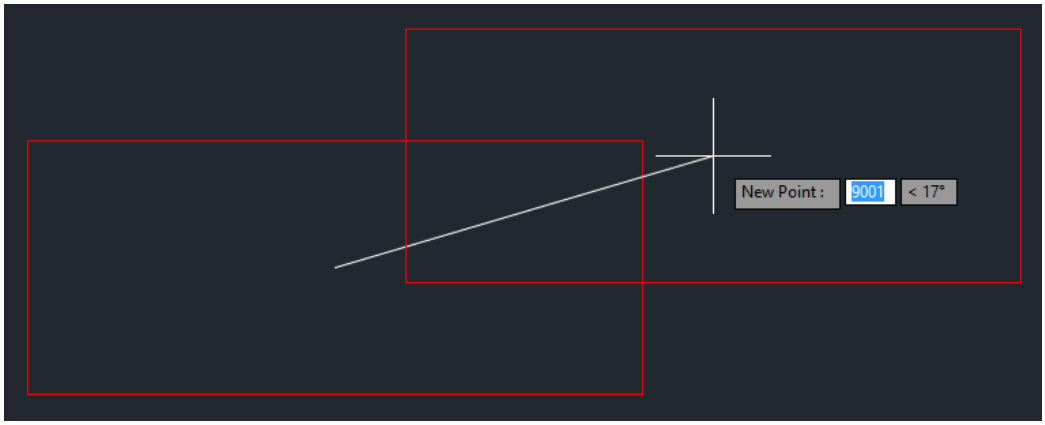


Create Viewport dialog

3. Select two diagonal points on the screen to specify the extents of the viewport as shown below;

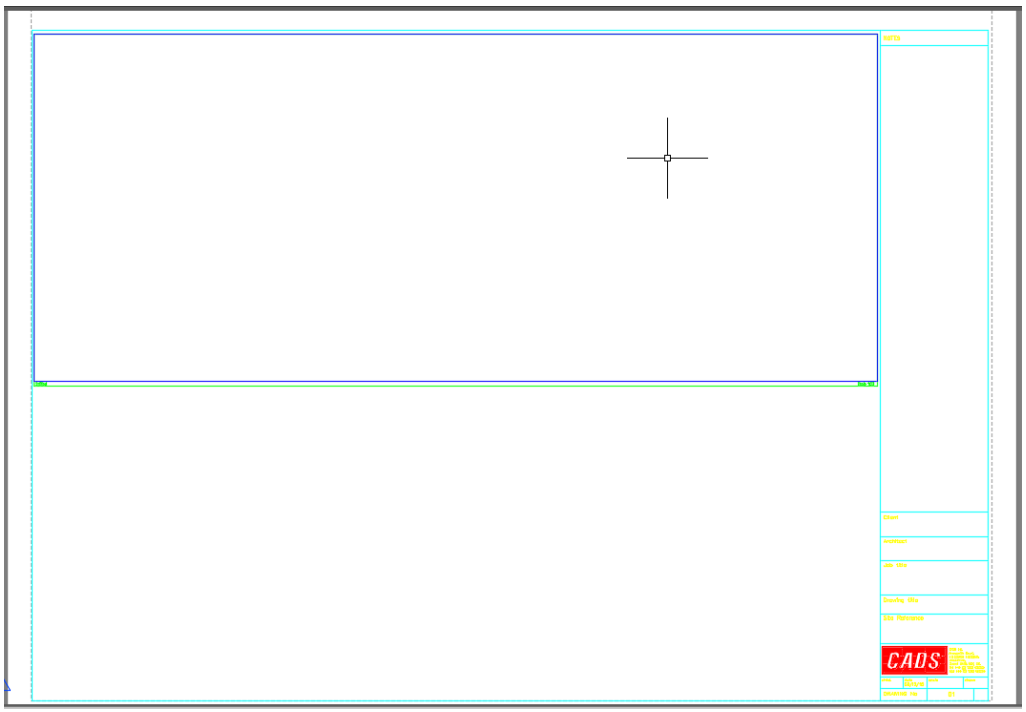
Specifying extents of Viewport in Model Space

The command will switch to model space, place the viewport region in the positive co-ordinates in model space. (Positive co-ordinates are where both the X and the Y values are positive.)



Specifying Location of Viewport Region in Model Space

The command will switch back to paper space



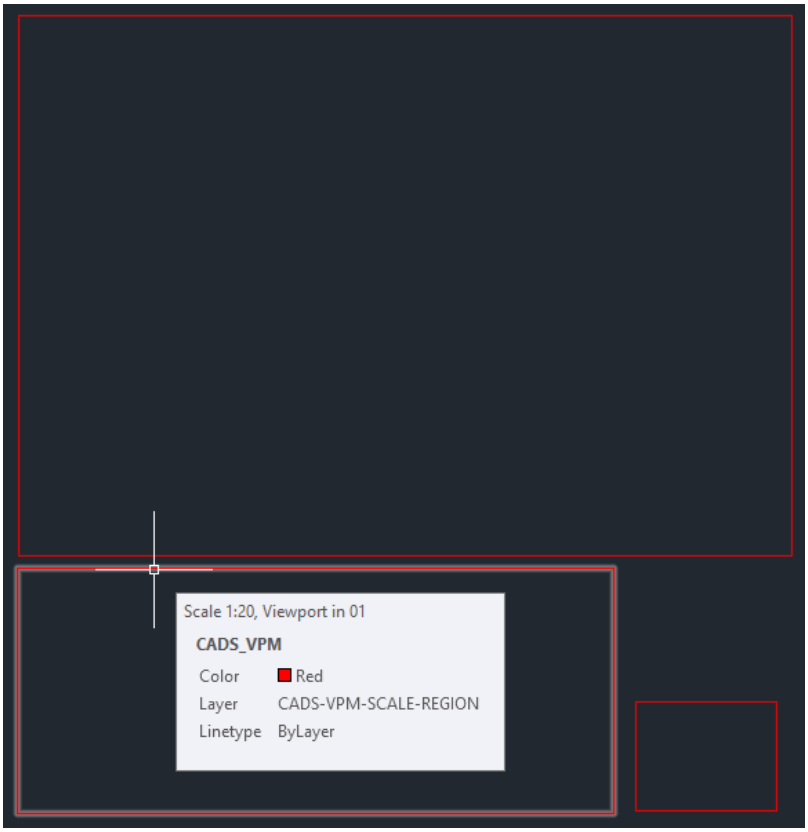
1:20 Viewport shown in Paper Space on Sheet 01

4. Continue using the Create Viewport command and add two further viewports at 1:10 and 1:50 scales.

   Make sure that you do not overlap viewport regions in model space of different scales as this will cause problems with the entity scaling.

   Always try to draw as near to 0,0 in the positive quadrant in model space, this will increase AutoCAD's and RebarCAD's efficiency.

Drawing Sheet 01 with three viewports, 1:10, 1:20 & 1:50



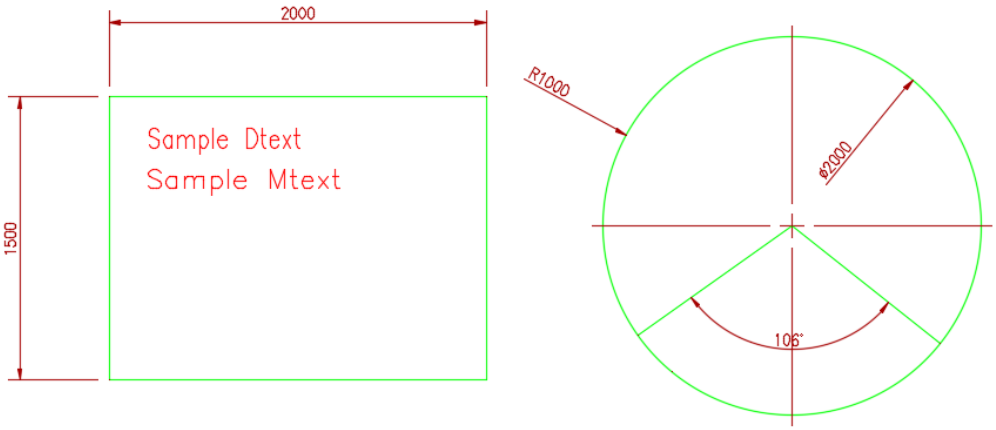
Viewport Regions in Model Space

If the mouse pointer is held over the viewport boundary the tooltip display shows the scale and layout the region is linked to.

This completes this exercise.

4.2 Creating a detail and rescaling the detail

1. Using the drawing created in the previous example, this example shows how to rescale details so that the text and dimensions are correctly rescaled when copied or moved between viewports.
2. With the drawing from the previous example open switch to model space
3. In the 1:20 Viewport Region draw the detail below using lines, polylines, circle and dimensions

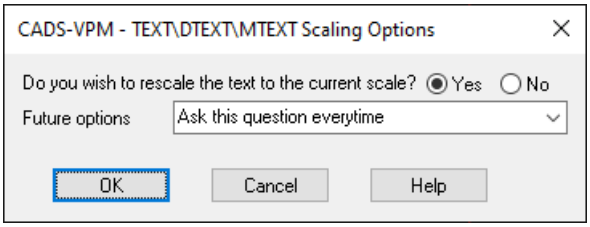


Simple Detail for Rescaling with CADS VPM

4. Add two types of text Dtext and Mtext

   When placing the text specify the height as the plotted height say 5mm

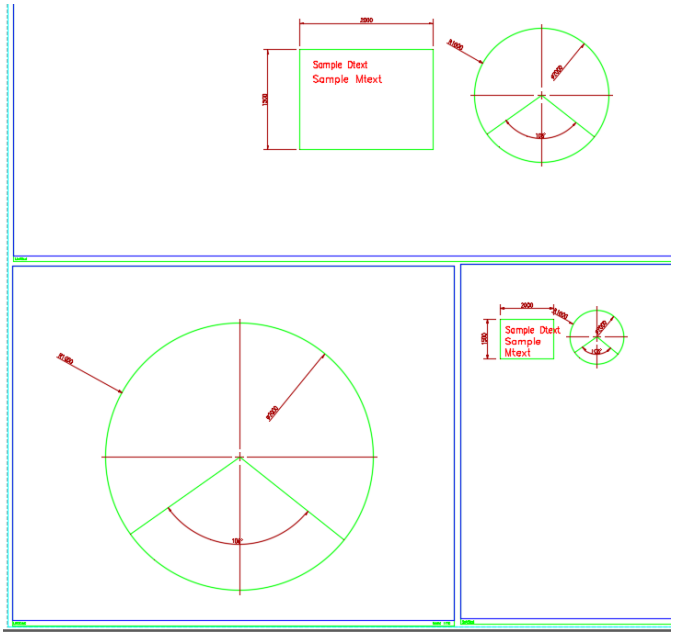
5. When the command is finished CADS VPM will interrupt and prompt



CADS VPM Text Scaling Options

   Answer Yes to this prompt, CADS VPM will automatically rescale the text by the scale of the viewport, for example 5 (text height specified) x 20 (scale) = 100mm.

6. Next copy the two details to the 1:10 viewport region.
7. Copy the circle detail to the 1:50 viewport region.
8. Switch to Paper Space Layout 01, the detail should look like the one below.



Finished Rescaled Details

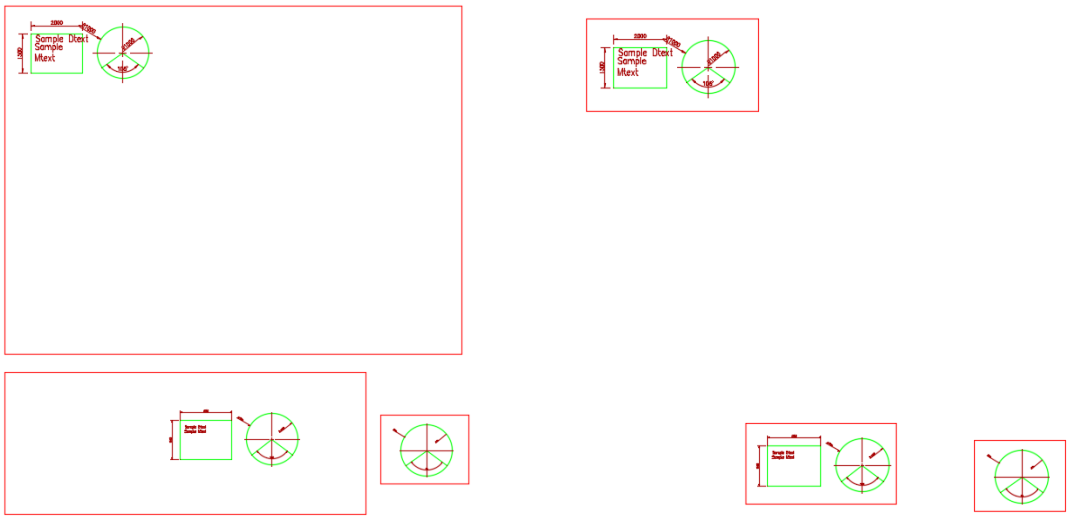
9. If the details have not successfully rescaled select the Refresh Viewport command  .

   Allow the command to refresh all the viewports.

This completes this exercise

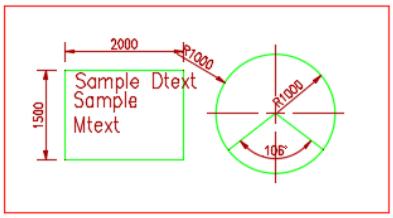
4.3 Creating a Viewport from Model Space

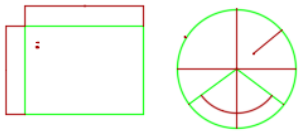
1. Using the drawing from the previous example, this exercise shows how to create a viewport region in model space and assign it to a drawing sheet.
2. With the drawing from the previous example open switch to model space
3. Resize the existing viewport regions so that they just enclose the details that are drawn inside them.



Viewport Regions full size and resized

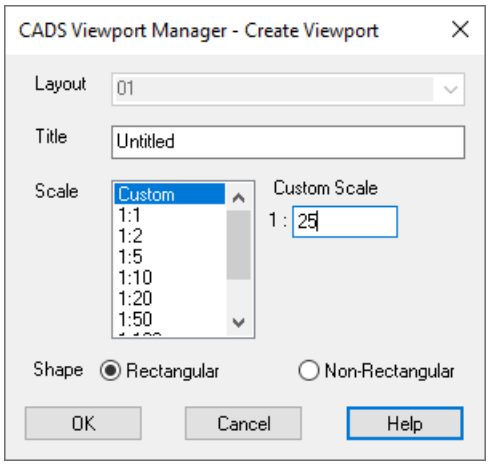
4. Copy the detail from the 1:50 viewport region into a clear area on the drawing.



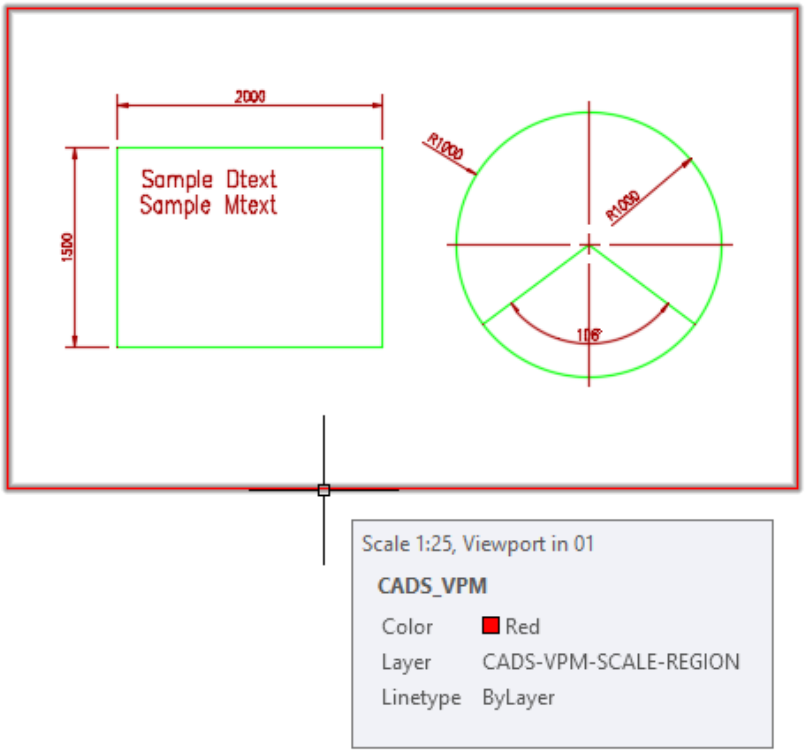


Copied Detail

5. Notice how the dimensions and the text have rescaled to 1:1.
6. Stay in Model Space and select the Create Viewport command.
7. Create a viewport region around the detail that has just been copied at a Custom scale of 1:25 on Layout 01

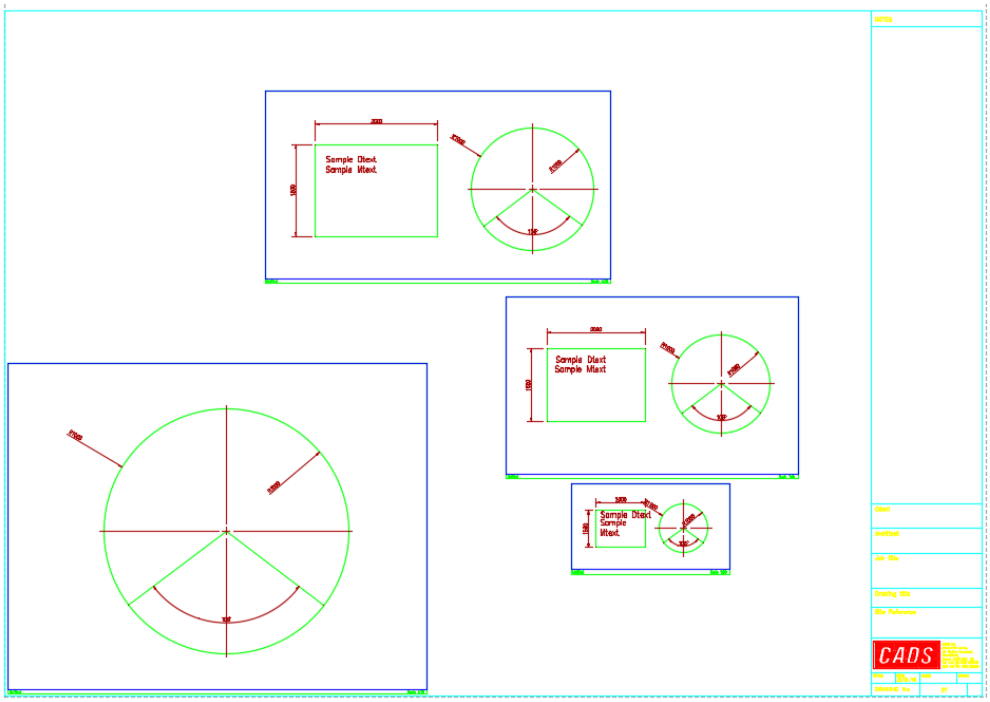


Create Viewport dialog



Detail enclosed in 1:25 viewport region

8. Once the points for the viewport region have been selected, the command will switch to paper space.
9. Select a location for the viewport.



1:25 Viewport Added to the Drawing Sheet

This completes this exercise.

5 General Configuration Settings

Listed below are then configuration variables for CADS VPM. The list is broken down into its headings and individual settings, default values and an explanation where applicable. There are some obvious repeats of some of the configuration items for different paper sizes, these have been omitted from the list below.

Heading/Variable	Value	Explanation
Config		
CurrentCFG	Standard	Current Configuration
ConversionPreferences		
RequestConversionofViewports	YES	
AlwaysConvertViewport	YES	
ViewportConfig		
ViewportScalePrefix	Scale	Prefix text for the scale for viewport in Layout Space
ViewportTextHeight	~mm~2.0	Plotted text height
ViewportUnitText	mm	Text units
ViewPortUnitTextM	M	Viewport Text units Meters
ViewPortUnitTextFT	Ft	Viewport Text units Feet
ViewPortUnitTextIN	in	Viewport Text units Inches
DefaultIntoNewViewport	YES	
DimsLayerPrefix	VP_	Prefix for Viewport Dimension Layers
DimsColour	2	Dimension colour
ViewPortLayerName	VIEWPORTS	Layer name for Viewport
ViewPortLayerColour	BLUE	Viewport Colour
ViewPortEntitiesLayerName	VIEWPORT_ENTS	Viewport layout space border & text layer
ViewPortEntitiesLayerColour	GREEN	Viewport layout space border & text colour
DefaultBorderVisibility	ON	Border visibility state
DefaultScaleTextVisibility	ON	Scale Text visibility state
DefaultNameTextVisibility	ON	Name Text visibility state
DefaultHidePlot	ON	
DefaultMviewBorderVisibility	ON	Viewport Boundary visible in Paper Space by default
DrawingUnits		
ModelSpaceUnits	MM	Model Space & Paper Space units can be metres, millimetres, feet or inches
PaperSpaceUnits	MM	
ViewPortScale		
NumOfScales	9	Number of scales in the list, increase this if additional scales are added to the list
Scale1	1:1	
Scale2	1:2	
Scale3	1:5	
Scale4	1:10	
Scale5	1:20	
Scale6	1:50	
Scale7	1:100	
Scale8	1:200	
Scale9	1:500	
MetricViewPortScale		
NumOfScales	9	Number of scales in the list, increase this if additional scales are added to the list
Scale1	1:1	
Scale2	1:2	
Scale3	1:5	
Scale4	1:10	
Scale5	1:20	
Scale6	1:50	
Scale7	1:100	
Scale8	1:200	
Scale9	1:500	

ImperialViewPortScale

NumOfScales	5	Number of scales in the list, increase this if additional scales are added to the list
Scale1	1:1/16"	
Scale2	1:1/8"	
Scale3	1:1/4"	
Scale4	1:1/2"	
Scale5	1:3/8"	

LayerAliasManager

Status	0	Not applicable

PaperSizes

Stores the Name of the Paper size (or Custom) the paper's width and height, and whether it is imperial (0) or metric (1)

NumberOfPaperSizes	10	Number of paper sizes available in the configuration, increase this if additional paper sizes are required
PaperSize1	A0	
PaperSize2	A1	
PaperSize3	A2	
PaperSize4	A3	
PaperSize5	A4	
PaperSize6	Letter	
PaperSize7	Legal	
PaperSize8	Poster	
PaperSize9	Custom(mm)	
PaperSize10	Custom(in)	
PaperWidth1	1188	Paper Width for the corresponding paper size above
PaperWidth2	840	
PaperWidth3	594	
PaperWidth4	420	
PaperWidth5	210	
PaperWidth6	11.94	
PaperWidth7	25	
PaperWidth8	60	
PaperWidth9	0	
PaperWidth10	0	
PaperHeight1	840	Paper Height for the corresponding paper size above
PaperHeight2	594	
PaperHeight3	420	
PaperHeight4	297	
PaperHeight5	297	
PaperHeight6	13	
PaperHeight7	10	
PaperHeight8	40	
PaperHeight9	0	
PaperHeight10	0	
PaperUnits1	1	
PaperUnits2	1	
PaperUnits3	1	
PaperUnits4	1	
PaperUnits5	1	
PaperUnits6	0	
PaperUnits7	0	
PaperUnits8	0	
PaperUnits9	1	
PaperUnits10	0	

DefaultScales

NumberOfScales	20	Number of scales in the list, increase this if additional scales are added to the list
Scale1	1:1	
Scale2	1:2	
Scale3	1:5	
Scale4	1:10	
Scale5	1:20	
Scale6	1:25	
Scale7	1:50	
Scale8	1:75	
Scale9	1:100	

Scale10	1:200	
Scale11	1:250	
Scale12	1:500	
Scale13	1:750	
Scale14	1:1000	
Scale15	1:1250	
Scale16	1:1500	
Scale17	1:1750	
Scale18	1:2000	
Scale19	1:2500	
Scale20	1:5000	

LinearUnits

NumberOfLinearUnits	5	Number of types of linear units supported
NumberOfLinearVariations	9	Number of linear variations supported per type
LUnit1	Scientific	
LUnit1_1	0E	
LUnit1_2	0.0E+01	
LUnit1_3	0.00E+01	
LUnit1_4	0.000E+01	
LUnit1_5	0.0000E+01	
LUnit1_6	0.00000E+01	
LUnit1_7	0.000000E+01	
LUnit1_8	0.0000000E+01	
LUnit1_9	0.00000000E+01	
LUnit2	Decimal	
LUnit2_1	0	
LUnit2_2	0.0	
LUnit2_3	0.00	
LUnit2_4	0.000	
LUnit2_5	0.0000	
LUnit2_6	0.00000	
LUnit2_7	0.000000	
LUnit2_8	0.0000000	
LUnit2_9	0.00000000	
LUnit3	Engineering	
LUnit3_1	0'0"	
LUnit3_2	0'0.0"	
LUnit3_3	0'0.00"	
LUnit3_4	0'0.000"	
LUnit3_5	0'0.0000"	
LUnit3_6	0'0.00000"	
LUnit3_7	0'0.000000"	
LUnit3_8	0'0.0000000"	
LUnit3_9	0'0.00000000"	
LUnit4	Architectural	
LUnit4_1	0'0"	
LUnit4_2	0'0-1/2"	
LUnit4_3	0'0-1/4"	
LUnit4_4	0'0-1/8"	
LUnit4_5	0'0-1/16"	
LUnit4_6	0'0-1/32"	
LUnit4_7	0'0-1/64"	
LUnit4_8	0'0-1/128"	
LUnit4_9	0'0-1/256"	
LUnit5	Fractional	
LUnit5_1	0	
LUnit5_2	0-1/2	
LUnit5_3	0-1/4	
LUnit5_4	0-1/8	
LUnit5_5	0-1/16	
LUnit5_6	0-1/32	
LUnit5_7	0-1/64	
LUnit5_8	0-1/128	

LUnit5_9	0-1/256	
AngularUnits		Number of types of angular units supported
NumberOfAngularUnits	5	Number of angular variations supported per type
NumberOfAngularVariations	9	
AUnit1	Decimal	
AUnit1_1	0	
AUnit1_2	0.0	
AUnit1_3	0.00	
AUnit1_4	0.000	
AUnit1_5	0.0000	
AUnit1_6	0.00000	
AUnit1_7	0.000000	
AUnit1_8	0.0000000	
AUnit1_9	0.00000000	
AUnit2	Deg/Min/Sec	
AUnit2_1	0d	
AUnit2_2	0d00"	
AUnit2_3	0d00'00"	
AUnit2_4	0d00'00.0"	
AUnit2_5	0d00'00.00"	
AUnit2_6	0d00'00.000"	
AUnit2_7	0d00'00.0000"	
AUnit2_8	0d00'00.00000"	
AUnit2_9	0d00'00.000000"	
AUnit3	Grads	
AUnit3_1	0g	
AUnit3_2	0.0g	
AUnit3_3	0.00g	
AUnit3_4	0.000g	
AUnit3_5	0.0000g	
AUnit3_6	0.00000g	
AUnit3_7	0.000000g	
AUnit3_8	0.0000000g	
AUnit3_9	0.00000000g	
AUnit4	Radians	
AUnit4_1	0r	
AUnit4_2	0.0r	
AUnit4_3	0.00r	
AUnit4_4	0.000r	
AUnit4_5	0.0000r	
AUnit4_6	0.00000r	
AUnit4_7	0.000000r	
AUnit4_8	0.0000000r	
AUnit4_9	0.00000000r	
AUnit5	Surveyor	
AUnit5_1	N0dE	
AUnit5_2	N0d00'E	
AUnit5_3	N0d00'00"E	
AUnit5_4	N0d00'00.0"E	
AUnit5_5	N0d00'00.00"E	
AUnit5_6	N0d00'00.000"E	
AUnit5_7	N0d00'00.0000"E	
AUnit5_8	N0d00'00.00000"E	
AUnit5_9	N0d00'00.000000"E	
DrawingSetup		
NumberOfDwgSetups	10	Number of Drawing Setups supported in the Layout dialog. Only one of the Drawing Setups is shown below, the other nine have been removed from the list.
Create Setup1	CADS A0 Standard Setup	
PaperWidth1	1188	
PaperHeight1	840	
PaperName1	1	
MarginL1	0	
MarginR1	0	
MarginT1	0	

MarginB1	0
Tilemode1	1
InsertMode1	0
LUnits1	2
LPrec1	2
AUnits1	1
APrec1	2
TitleFile1	A0CADS.DWG
TitleLayer1	TITLE-BLK
TitleInsertX1	0
TitleInsertY1	0
TitleInsertZ1	0
TitleUseMargins1	0
AttrFile1	
AttrLayer1	ATTRIBUTE-BLK
AttrInsertX1	0
AttrInsertY1	0
AttrInsertZ1	0
AttrUseMargins1	0
AngDir1	0
Zero1	0
Measurement1	1
ListPosition1	0

AboutBox

StaticSlideName	cadslogo
NumberOfSlides	20
SlideNamePrefix	logo
SlideLibraryName	logo
AnimationSpeed	1.0

Misc

0 - ignore this, do the test in de_main.c
1 - Automatically do the big screen one (i.e they might have a small screen, but small font so override test)

disk_IsBigScreen	0	
WarksCC	0	Company specific config

GroupLayering

LayerDefPathAndName	vpm-lay.txt	File which contains the layer names for CADS VPM

PagesSizesMetric

NumberOfPageSizes	5
PlotStyleTable	None
PageSizeTitle1	A4
PageSizeTitle2	A3
PageSizeTitle3	A2
PageSizeTitle4	A1
PageSizeTitle5	A0
PageSizeBlock1	A4cads.dwg
PageSizeBlock2	A3cads.dwg
PageSizeBlock3	A2cads.dwg
PageSizeBlock4	A1cads.dwg
PageSizeBlock5	A0cads.dwg
PageSizePlotter1	None
PageSizePlotter2	None
PageSizePlotter3	None
PageSizePlotter4	None
PageSizePlotter5	None
PaperSize1	ISO_A4_(210.00_x_297.00_MM)
PaperSize2	ISO_A3_(297.00_x_420.00_MM)
PaperSize3	ISO_A2_(420.00_x_594.00_MM)
PaperSize4	ISO_A1_(594.00_x_841.00_MM)
PaperSize5	ISO_A0_(841.00_x_1189.00_MM)
PageOrientation1	Portrait
PageOrientation2	Landscape
PageOrientation3	Landscape

PageOrientation4	Landscape
PageOrientation5	Landscape
PagePlotStyleTable1	None
PagePlotStyleTable2	None
PagePlotStyleTable3	None
PagePlotStyleTable4	None
PagePlotStyleTable5	None

PagesSizesImperial

NumberOfPageSizes	4
PlotStyleTable	None
PageSizeTitle1	11x17
PageSizeTitle2	17x22
PageSizeTitle3	24x36
PageSizeTitle4	36x48
PageSizeBlock1	11x17cads.dwg
PageSizeBlock2	17x22cads.dwg
PageSizeBlock3	24x36cads.dwg
PageSizeBlock4	36x48cads.dwg
PageSizePlotter1	None
PageSizePlotter2	None
PageSizePlotter3	None
PageSizePlotter4	None
PaperSize1	ANSI_B_(11.00_x_17.00_Inches)
PaperSize2	ANSI_C_(17.00_x_22.00_Inches)
PaperSize3	ARCH_D_(24.00_x_36.00_Inches)
PaperSize4	ARCH_E_(36.00_x_48.00_Inches)
PageOrientation1	Landscape
PageOrientation2	Landscape
PageOrientation3	Landscape
PageOrientation4	Landscape
PagePlotStyleTable1	None
PagePlotStyleTable2	None
PagePlotStyleTable3	None
PagePlotStyleTable4	None
PagePlotStyleTable5	None