"Zoom Extents" shows a blank screen.

This is sometimes accompanied by a frozen cursor in the drawing area.

It may be that that your drawing has some points, text or line work out near Mars (coordinates with very large values that may have been added, or moved there, accidentally.) If the cursor is frozen you can't zoom and pan to find the points causing the problem. We just need to fool MSCAD into zooming in on your drawing, and erasing everything outside your view.

The steps differ slightly for MSCAD 2002, MSCAD 2004 and MSCAD 2005, and are detailed individually below.

* You should ensure that you have a copy of the drawing saved to a safe location on your hard drive (maybe even with another name), just in case you do something wrong, so you do not lose any important information.

* Be sure to Thaw all layers, turn all layers On and Unlock all Layers before continuing!

MSCAD 2005

Zooming to see the entire drawing:

With the drawing open in model view:

Type in the command ZOOMP on the command line, or pick it from this menu:

MsPoints



 - 1 —
© 2006 MicroSurvey Software Inc. All Rights Reserved Fill out the dialogue box. Type in a known point number and enter how many meters or feet of the drawing you wish to be visible.

oom to a Poi	int Number	? 🗙
Enter Po	int Number: 13	
Scri	een Height: 200	
OK	Cancel	Help

As shown above, point 13 will be centered on the screen with 100 feet/meters above and 100 feet/meters below the point displayed on screen.

Once you see your drawing again, zoom back until you can see *everything* you need to keep.

You can do this by picking the Zoom Minus button a few times *P* or by rolling the mouse wheel out.

*Remember, you can hit escape at any time if you need to start again.

Erasing the Unwanted Points:

Type in either ERASE or DELETE on the command line or pick the DELETE command from this menu:

Edit					
Ur	ndo	Ctrl+Z			
Re	edo	Ctrl+Y			
Se	elect All	Ctrl+A			
_ CI	ut	Ctrl+X			
_ Co	ру	Ctrl+C			
Pa	iste	Ctrl+V			
Pa	iste Special				
De	elete	Del			
Lir	nks				

Select the "Outside Window" option from this floating menu:

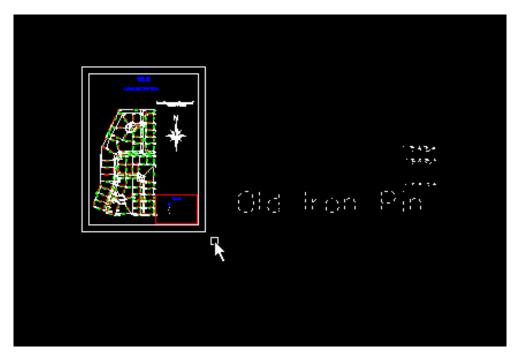
ERASE 🛛 🔀
Select all entities
Add to set
Previous selection
Last entity in drawing
Window-Inside
Crossing window
Outside window
Window polygon
Crossing polygon
Outside polygon
Window circle
Crossing circle
Outside circle
Point
Fence
Select by Properties
Selection Methods
Cancel

If you do not see this floating menu on your screen (because you turned this option off previously), you can type in the letter O on the command line and press enter once.

Take your mouse and Window the entire drawing you want to keep, by picking outside the valid drawing entities in the top left corner of the screen and then the bottom right corner of the screen.

|--|

These parts will remain their normal colour, being as they are not selected, and everything outside the window will be selected.



*Remember, you can hit escape at any time if you need to start again.

Make sure you've got everything you need to keep unselected (so what you are deleting is either shown on screen as still being selected or off screen and can't be seen) and hit "Enter" to complete the operation. Everything outside of the window you selected will be erased from the drawing!

If there were survey points being erased and you had Point Protection turned on, then you will see the following dialog box come up:

CAD Erase Prox ? 🔀
Point Number:
Point protection
Accept Erase
Cancel Erase
Help

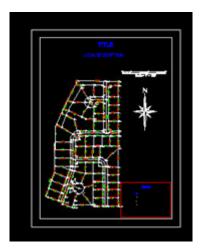
You can pick on the checkmark for Point Protection, to turn it off, and then pick Accept Erase, and any and all survey points that were still selected, will be erased from the drawing and database.

If you pick Cancel Erase, the survey points will remain in the drawing and database and you have not solved your zooming issue as those points will still be out on Mars.

MSCAD 2002, 2004 and 2005 9/25/2006 Zoom Extents shows blank screen Multiple Versions.doc

-Zoom to Extents by picking this button -or type in ZOOM on the command line, press enter and then type in E and press enter again,

And you should now see your entire drawing on screen:

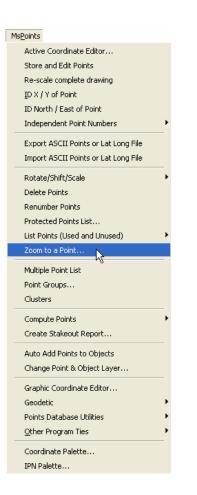


MSCAD 2004

Zooming to see the entire drawing:

With the drawing open in model view:

Type in the command ZOOMP on the command line, or pick it from this menu:



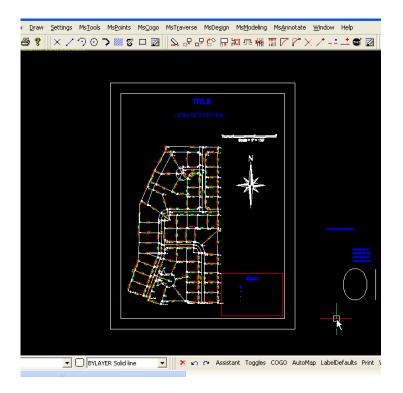
Fill out the dialogue box. Type in a known point number and enter how many meters or feet of the drawing you wish to be visible.

oom to a Po	int Number	? 🛛
Enter Po	oint Number: 13	
Scr	een Height: 200	
ОК	Cancel	Help

As shown above, point 13 will be centered on the screen with 100 feet/meters above and 100 feet/meters below the point displayed on screen.

Once you see your drawing again, zoom back until you can see *everything* you need to keep.

You can do this by picking the Zoom Minus button a few times \bigcirc or by rolling the mouse wheel out.



*Remember, you can hit escape at any time if you need to start again.

Deleting the Unwanted Points:

Type in either ERASE or DELETE on the command line or pick the DELETE command from this menu:

Edit
Undo
<u>R</u> edo
Delite
U <u>n</u> delete
Copy Selection to Clipboard
Cut Selection to Clipboard
Paste Selection from Clipboard
Copy Region to <u>B</u> itmap
Copy Region to Windows Metafile
Edit Palette

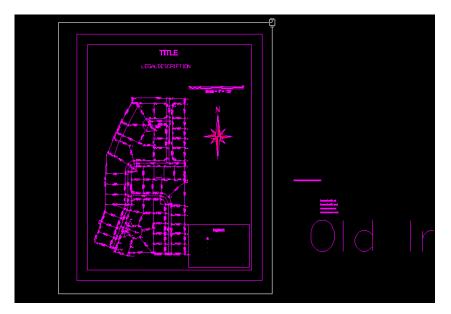
Type in ALL and Press ENTER ONCE (and only once at this stage)

Or pick **ALL** from the Option Toolbar: (and do **NOT** press ENTER)

🗙 🖍 🍅 WPolygon CPolygon Fence Last Previous Remove Window Crossing Single All Group

Then either type in **R** and press **ENTER** <u>ONCE</u> (and only once at this stage) **Or** choose the option **Remove** from the Options Toolbar: (and do **NOT** press ENTER)

Take your mouse and Window the entire drawing you want to keep, by picking outside the drawing in the top left corner of the screen and then the bottom right corner of the screen.



These parts will return to their normal colour: The rest of the drawing, if you can see it, will remain in the selected mode colour.



Make sure you've got everything you need to keep unselected (so what you are deleting is either shown on screen as still being selected or off screen and can't be seen) and hit "Enter" to complete the operation. Everything outside of the window you selected will be erased from the drawing!

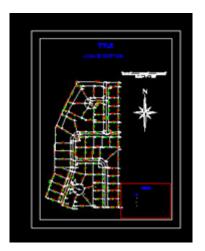
If there were survey points being erased and you had Point Protection turned on, then you will see the following dialog box come up:

CAD Erase Pros ? 🔀					
Point Number:					
Point protection					
Accept Erase					
Cancel Erase					
Help					

You can pick on the checkmark for Point Protection, to turn it off, and then pick Accept Erase, and any and all survey points that were still selected, will be erased from the drawing and database.

If you pick Cancel Erase, the survey points will remain in the drawing and database and you have not solved your zooming issue as those points will still be out on Mars.

Zooming to Extents by picking this button or by typing in ZOOM on the command line, press enter and then type in E and press enter again, should now show your entire drawing on screen:



MSCAD 2002

Zooming to see the entire drawing:

With the drawing open in model view:

Type in the command ZOOMP on the command line, or pick it from this menu:

MicroSurvey	.	
Product Registration Options FieldGenius SyncWizard	1	Open Coordinate ToolBox Active Coordinate Editor
Upload to FieldGenius		Graphic Coordinate Editor
Download FieldGenius		
MicroSurvey ASSISTANT		Export ASCII Points or Lat Long File
MicroSurvey CAD Toolboxes		Import ASCII Points or Lat Long File GeoConverter Datum Editor
MicroSurvey Defaults	•	Manual Coordinate Conversions
LABELING PROGRAMS:		Transform Database
Print / Edit / View Reports	×	Auto Add Points to Objects
Drawing View Rotation	•	Change Point & Object Layer
Text Entry and Editing	2	Compute Stakes
Bearing/Distance/Curves Ties/Leaders/Symbols	1	Delete Points
Line and Curve Tables	1	Helmert's Transformation
Laver Control		ID North/East of Point
	-	Label North/East of Point
CALCULATING PROGRAMS:		List Points (Used and Unused)
Data Collector Download (from DC)		Protected Points List
Data Collector Upload (to DC) Read Collector Files In		Renumber Points Rotate Points
Write Collector Files Out		Scale Points
Traverse Coordinating & Balancing	1	Shift Points
AutoMAP System		Stake Out Points
Points / Lines / Curves		Store and Edit Points
Coordinate Point Utilities	Þ	Zoom to a Point 📉
Lot Closure / Legal Description	×	*2
Subdivision / House Design	۲	
Streets & Intersections	۲	
Area Calculations	×	
UTILITY PROGRAMS:		
Drawing Utilities	۲	
Database Utilities	۲	
Other Program Ties	•	

Fill out the dialogue box. Type in a known point number and enter how many meters or feet of the drawing you wish to be visible.

Zoom to a Poi	int Number	? 🗙
Enter Po	int Number: 13	
Scr	een Height: 200	
ОК	Cancel	Help

As shown above, point 13 will be centered on the screen with 100 feet/meters above and 100 feet/meters below the point displayed on screen.

Once you see your drawing again, zoom back until you can see *everything* you need to keep.

You can do this by picking the Zoom Minus button a few times out.

*Remember, you can hit escape at any time if you need to start again.

Erasing the Unwanted Points:

Type in either ERASE or DELETE on the command line or pick the DELETE command from this menu:

Edit	
Un	do
Re	do
De	lete N
Un	delete 🗟
Pu	rge Drawing
Co	py Selection to Clipboard
Cu	t Selection to Clipboard
Pa	ste Selection from Clipboard
Co	py Region to Bitmap
Co	py Region to Windows Metafile
Ma	ke Snapshot (Slide)
Ch	ange Object Display Order
Mo	dify Object Properties
Co	py Object Properties
Mo	dify Object Layer
Ex	plode Complex Objects
En	tity Info
Dra	awing Database Tables 🕨 🕨
Dra	awing Xplorer
Ide	entify Coordinate
Dis	tance / Angle
Are	ea / Circumference
Pa	ette Edit

Type in ALL and Press ENTER **ONCE** (and only once at this stage)

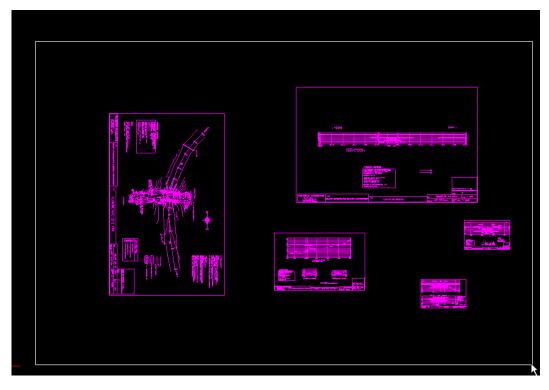
Or pick ALL from the Option Bar or Option Menu (depending upon how you have your program set): (and do **NOT** press ENTER)

Option E	Bar:											
XQN	≪ ≫	WPolygon	CPolygon	Fence	Last	Previous	Remove	Window	Crossing	Single	All	Group
						- 11 -	_					

Option Menu:
Option Menu
WPolygon
CPolygon
Fence
Last
Previous
Remove
Window
Crossing
Single
All
Group

Then either type in R and press ENTER **ONCE** (and only once at this stage) **Or** pick REMOVE from the Option Bar or Option Menu (depending upon how you have your program set): (and do **NOT** press ENTER)

Take your mouse and Window the entire drawing you want to keep, by picking outside the drawing in the top left corner of the screen and then the bottom right corner of the screen.



These parts will return to their normal colour: The rest of the drawing, if you can see it, will remain in the selected mode colour. Make sure you've got everything you need to keep unselected (so what you are deleting is either shown on screen as still being selected or off screen and can't be seen) and hit "Enter" to complete the operation. Everything outside of the window you selected will be erased from the drawing!

If there were survey points being erased and you had Point Protection turned on, then you will see the following dialog box come up:

CAD Erase Prox ? 🔀
Point Number: 1
Point protection
Accept Erase
Cancel Erase
Help

You can pick on the checkmark for Point Protection, to turn it off, and then pick Accept Erase, and any and all survey points that were still selected, will be erased from the drawing and database.

If you pick Cancel Erase, the survey points will remain in the drawing and database and you have not solved your zooming issue as those points will still be out on Mars.

Zoom to Extents by picking this button or by typing in ZOOM on the command line, pressing enter and then typing in E and pressing enter again, and you should now see your entire drawing on screen:

