

Start by assigning a coordinate system to the current drawing. If this drawing already contains geometry, then the coordinate system <u>must</u> match that of the geometry. Please remember that AutoCAD[®] geometry can be created without any spatial reference, so it is critical to ensure the geometry is created at a known coordinate system (State Plane), not a local or assumed coordinate system (0,0). Using the "Planning and Analysis" workspace, select the *Map Setup* ribbon, and under the *Coordinate System panel*, select **Assign**.



Find the appropriate coordinate system and choose the *Assign* button at the bottom.

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0	CO83-N	NAD83 Colorado State Planes, N	P	🖏 NAD83	USA, Colorado	26953	Meter	
0	CO83-NF	NAD83 Colorado State Planes, N	P	🖏 NAD83	USA, Colorado	2231	US Survey Foot	Ξ
0	CO83-S	NAD83 Colorado State Planes, So	P	🖏 NAD83	USA, Colorado	26955	Meter	
0	CO83-SF	NAD83 Colorado State Planes, So	P	🖏 NAD83	USA, Colorado	2233	US Survey Foot	
0	CO-C	NAD27 Colorado State Planes, Ce	P	🖏 NAD27	USA, Colorado	26754	US Survey Foot	
0	COHP-C	Colorado Central Zone, Meter (or	P	🐌 HPGN	USA, Colorado	2773	Meter	
0	COHPCF	Colorado Central Zone, US FT (or	P	b HPGN	USA, Colorado	2877	US Survey Foot	
0	COHP-N	Colorado North Zone, Meter (or u	P	🖏 HPGN	USA, Colorado	2772	Meter	
0	COHP-NF	Colorado North Zone, US FT (or u	P	🖏 HPGN	USA, Colorado	2876	US Survey Foot	
0	COHP-S	Colorado South Zone, Meter (or u	P	🐌 HPGN	USA, Colorado	2774	Meter	
0	COHP-SF-MOD	Colorado Southern Zone, US FT (P	🖔 HPGN	USA, Colorado	2878	US Survey Foot	
0	CO-N	NAD27 Colorado State Planes, N	P	🖏 NAD27	USA, Colorado	26753	US Survey Foot	
0	CO-S	NAD27 Colorado State Planes, So	P	🖏 NAD27	USA, Colorado	26755	US Survey Foot	Ŧ
					Assign	View	Close Help	p



Use the Map Task Pane to connect to the Valtus WMS feed.

Note: In Civil 3D[®], to display the Map Task Pane you may need to toggle the *Map Task Pane* button off and on in the *View* ribbon.

In the *Display Manager* tab of the Map Task Pane, select the *Data* button and choose *Connect to Data...*



In the *Data Connect* panel, select *Add WMS Connection*. Enter the server name as <u>http://www.valtus.com/views/wms</u> and choose the <u>Connect</u> button. You will then enter your login credentials for <u>User Views</u> as supplied by Valtus.

×	Data Connections by Provider	2 Data Connect help			
	Add ArcSDE Connection	OSGeo FDO Provider for WMS			
	Add Enterprise Industry Model Connection Add Enterprise Industry Model Connection Add ObBC Connection Add ObBC Connection Add Oracle Connection Add Oracle Connection Add OraclerScOL Connection	Connect to Data Source Read access to OGC WMS-based data store. Connection name:			
	Add Raster Image or Surface Connection Add SDF Connection Add SDF Connection Add SHP Connection G SHP_1 G Strets Add SCP Commendation	WMS_1 Server name or URL: http://www.valtus.ca/wms/servlet/WMSServer? Version:			
	A Ada SQL Server Spatial Connection A Add SQL Server Spatial A Add SQL Let Connection A Add WFS Connection Add WMS Connection	Default version EE Show proxy settings Connect			

Choose the VIEW you wish to connect and choose the Add to Map button.





IMPORTANT NOTE:

After closing the drawing it will be necessary to input your login credentials every time the drawing is opened. The WMS layer(s) will have a warning on them upon opening the drawing (shown below). Go back to the *Data Connect* panel, select the WMS connection name on the left and click the *Connect* button. Do <u>NOT</u> change the connection or server name. After entering your cresentials <u>CLOSE</u> the Data Connect panel. Do NOT select a layer and choose Add to Map.





 Data Connections by Provider 	2 Data Connect help
Add ArcSDE Connection	OSGeo FDO Provider for WMS
Add ArcSDE Connection Add Enterprise Industry Model Connection Add MySQL Connection Add ODBC Connection Add ODBC Connection Add Oracle Connection Add Oracle Connection Add Raster Image or Surface Connection Add SafP Connection Add ShP Conne	OSGee FDO Provider for WMS Connect to Data Source Read access to OGC WMS-based data store. Connection name: WMS_1 Server name or URL: http://www.ukbr.co./wmc/condet/MM6Source/warring=1.2.0
G SHP_1 G Streets Add SQL Server Spatial Connection Add SQLite Connection Add WFS Connection Add WFS Connection Add WMS Connection G MdM SC Connection	Version: Default version

Should you require further assistance with your Autodesk® AutoCAD® Map 3D® or Civil 3D® application, please contact your Autodesk representation or authorized partner.