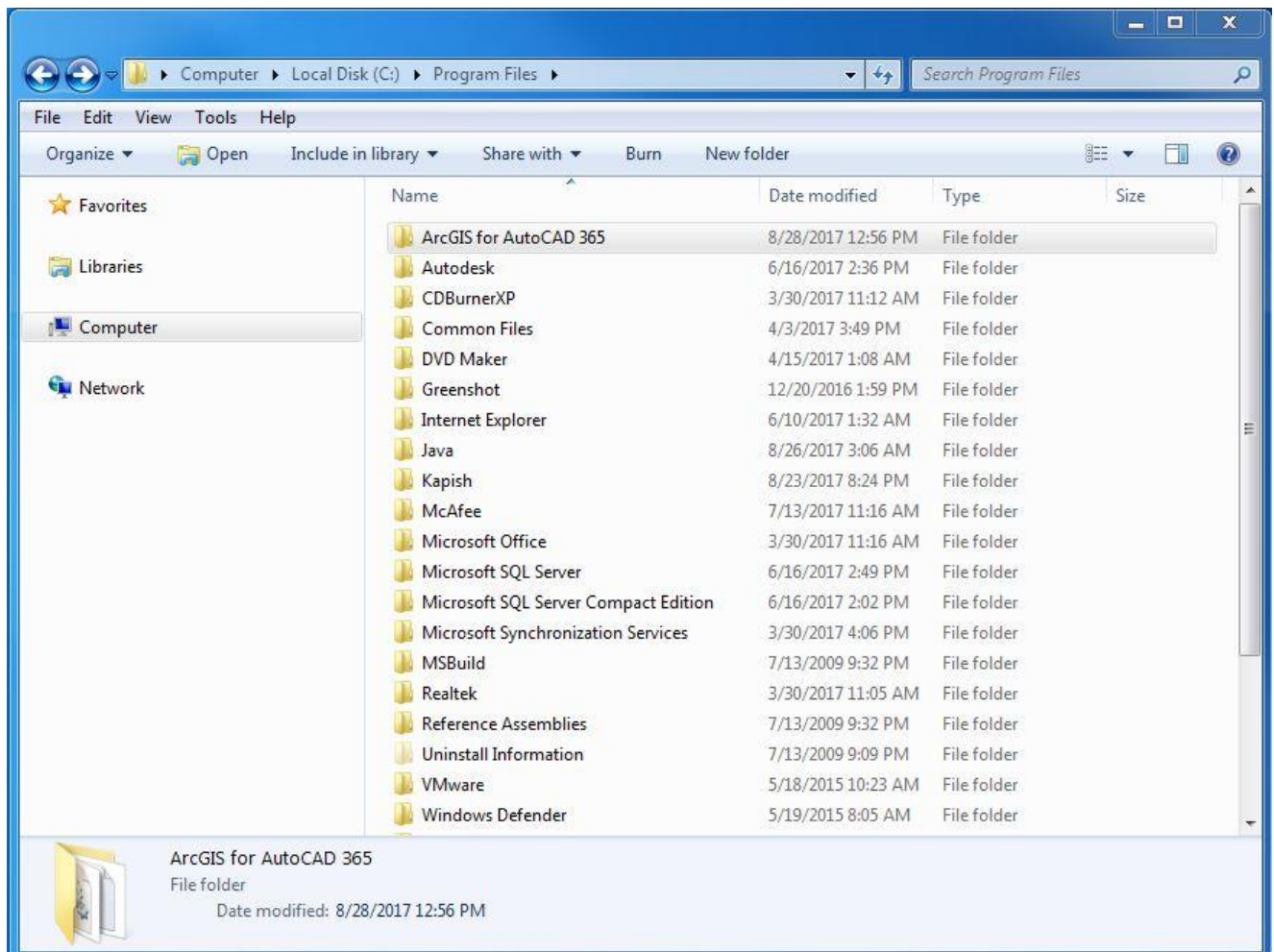


Loading Imagery Services Using ArcGIS for AutoCAD

1. Check to make sure ArcGIS for AutoCAD 365 has been installed on your computer (the default location is the local C drive > Program Files > ArcGIS or AutoCAD 365).

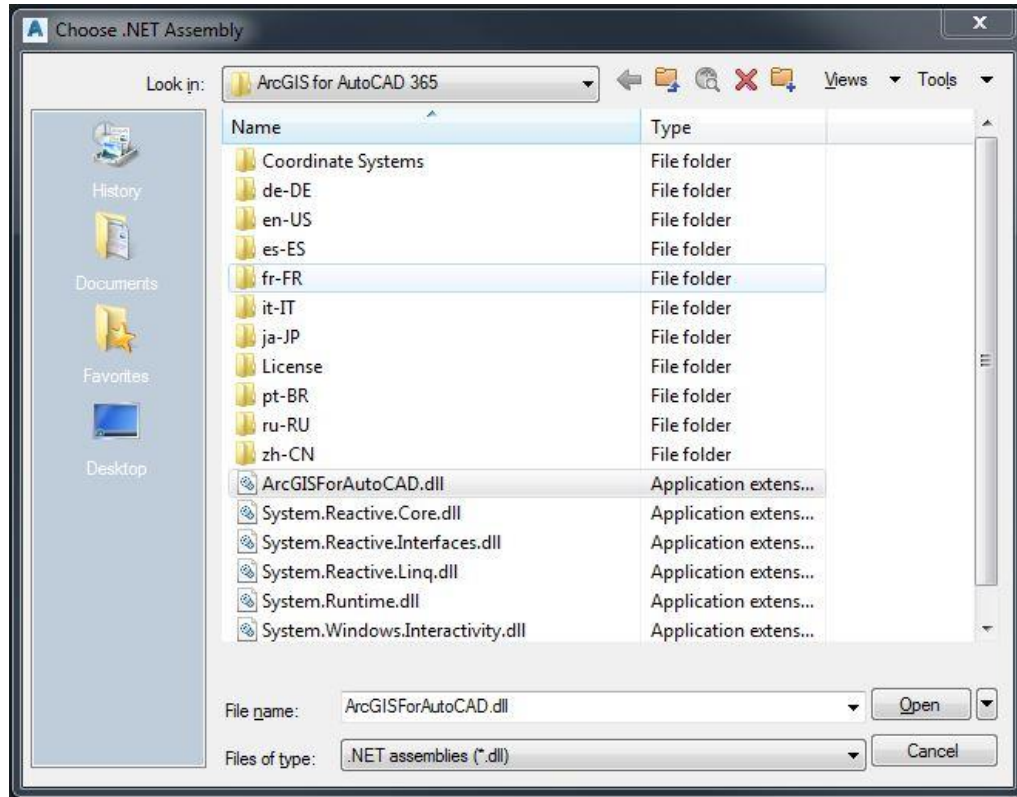
(NOTE: If ArcGIS for AutoCAD has not been previously installed, see the *Downloading ArcGIS for AutoCAD* document for more detailed installation instructions).

(NOTE: ArcGIS for AutoCAD 300, is a prior version used with older releases of AutoCAD.)

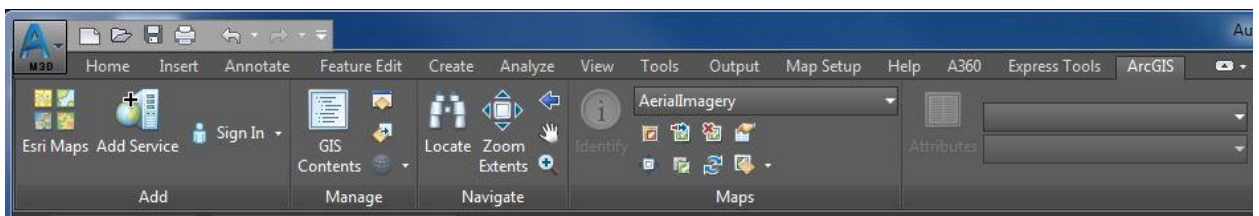


2. Open the AutoCAD .dwg file, and enter the command **NETLOAD**.

3. Navigate to the file location where ArcGIS for AutoCAD 365 was installed (the default location is the local C drive > Program Files > ArcGIS or AutoCAD 365), select **ArcGISForAutoCAD.dll**, and click Open.



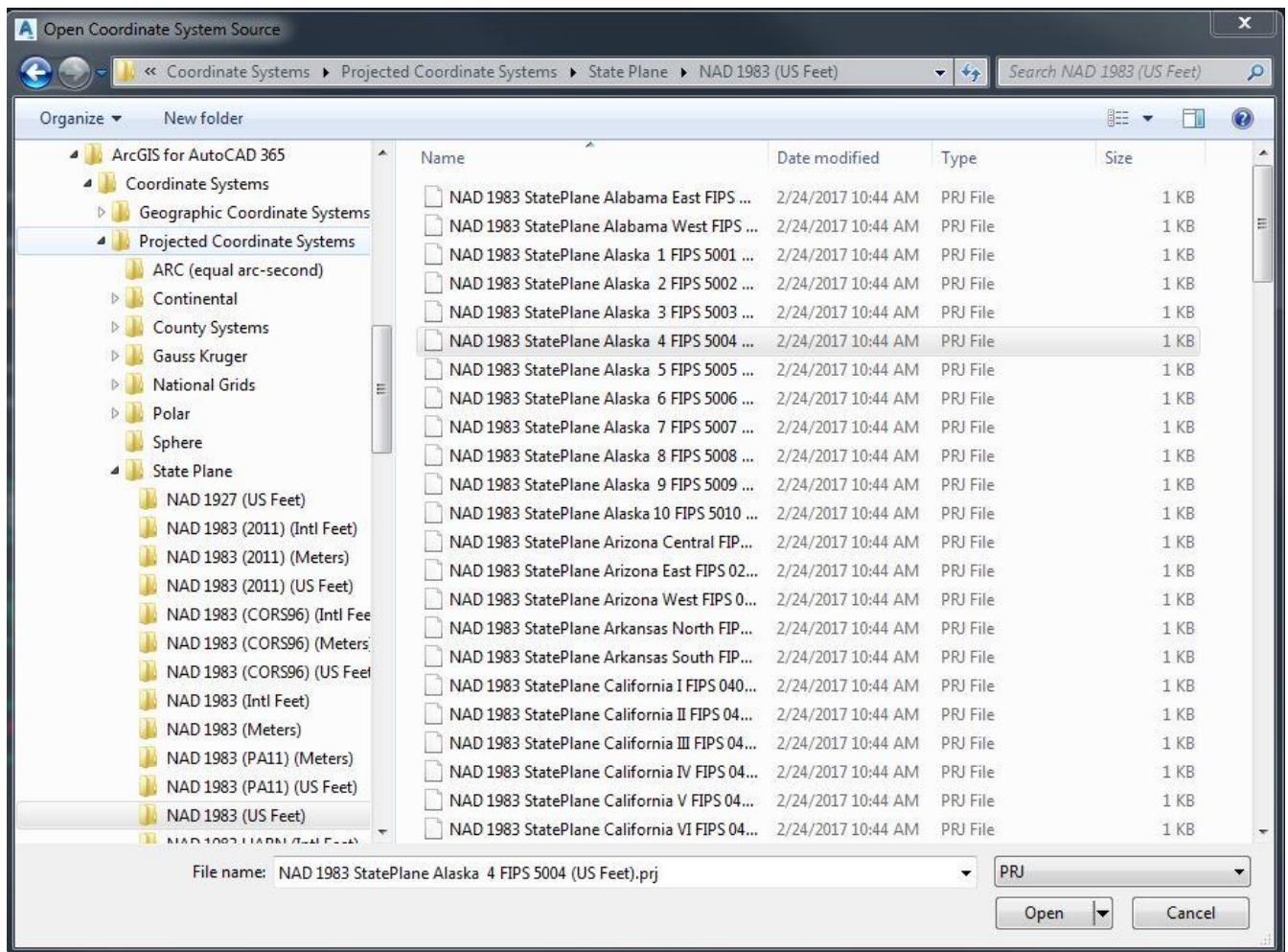
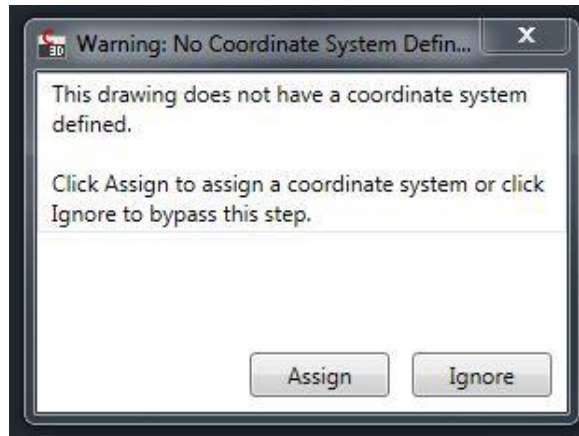
4. ArcGIS for AutoCAD will load, and the ArcGIS ribbon will now appear in AutoCAD.



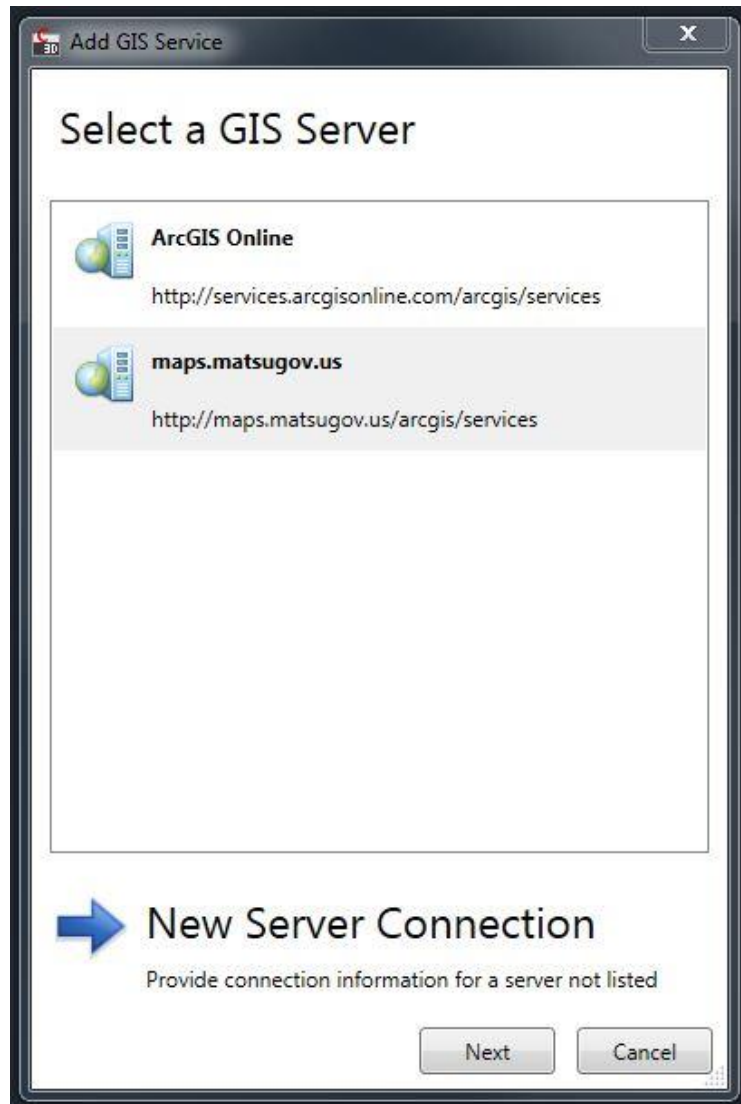
5. Click the Add Service icon on the ArcGIS tab.



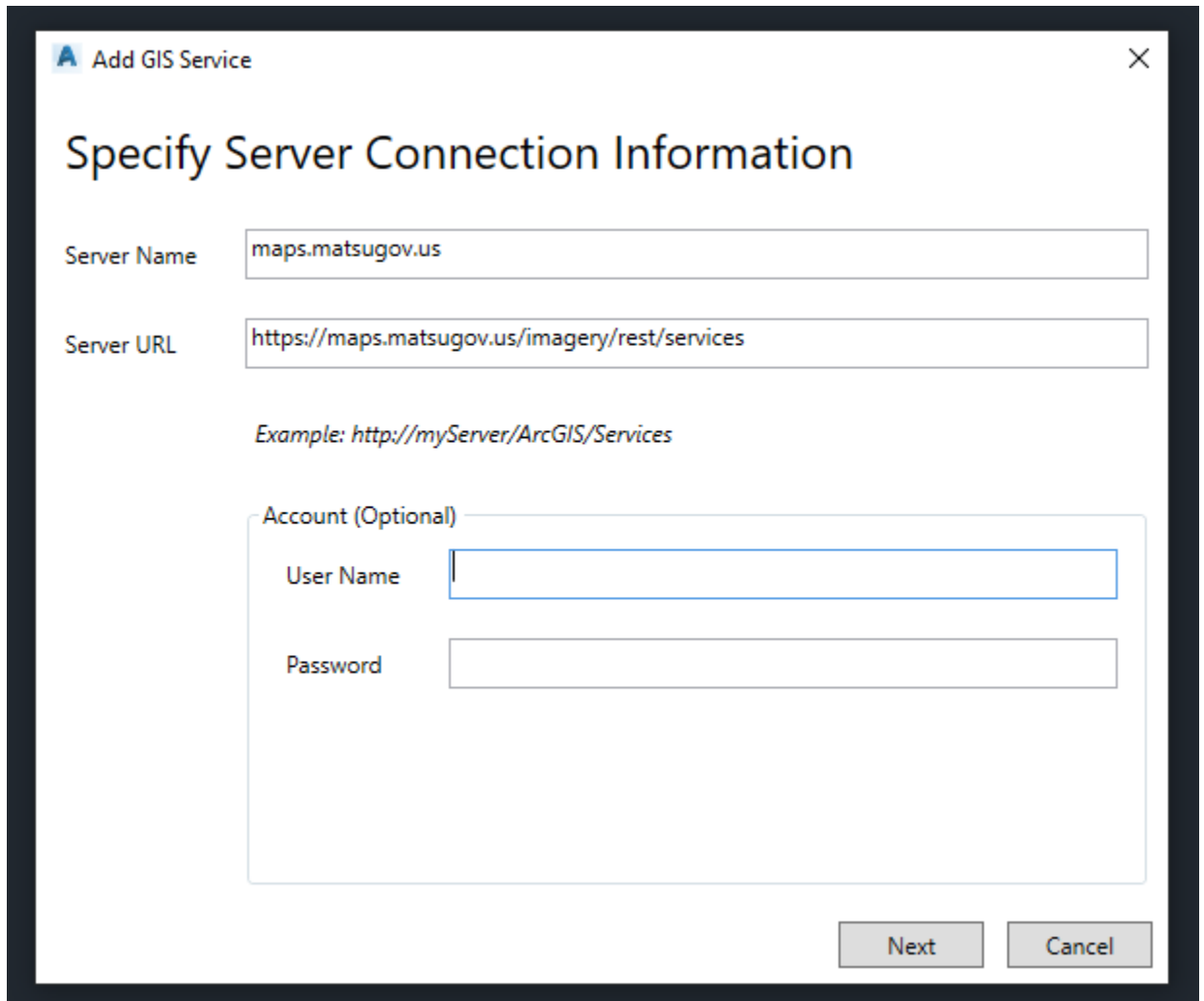
- A warning window may pop up stating the AutoCAD drawing has not been assigned a coordinate system. Select **Assign**, then navigate to and select the desired coordinate system. Use Projected Coordinate Systems > State Plane > NAD 1983 (US Feet) > **NAD 1983 StatePlane Alaska 4 FIPS 5004 (US Feet).prj**.



7. A new window titled Add GIS Service will open. If a server connection to the Mat-Su Borough server has not previously been established, click **New Server Connection**.



In the Server URL box, type **https://maps.matsugov.us/imagery/rest/services**, then click outside the text box. If entered correctly, maps.matsugov.us will automatically fill in the Server Name box. Click next.



The screenshot shows a dialog box titled "Add GIS Service" with a close button (X) in the top right corner. The main heading is "Specify Server Connection Information". There are two text input fields: "Server Name" containing "maps.matsugov.us" and "Server URL" containing "https://maps.matsugov.us/imagery/rest/services". Below these fields is an example text: "Example: http://myServer/ArcGIS/Services". A section titled "Account (Optional)" contains two more text input fields: "User Name" and "Password". At the bottom right, there are two buttons: "Next" and "Cancel".

Once the server connection to the Mat-Su Borough server has been established, select **maps.matsugov.us** and click Next.

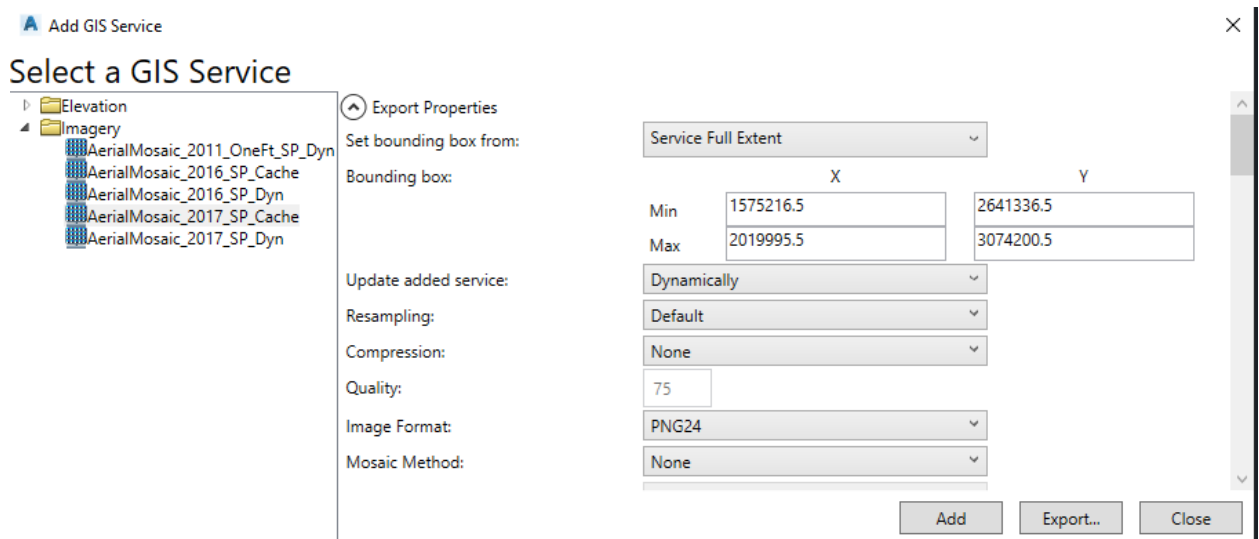
8. The Add GIS Service window will appear with a list of services that can be loaded. To load imagery, expand the Imagery folder and select the 2011, 2016, or 2017 imagery and select the service parameters in the Set bounding box from: drop down selection.

Service Extent (recommended) will load the entire Borough-wide imagery service into AutoCAD.

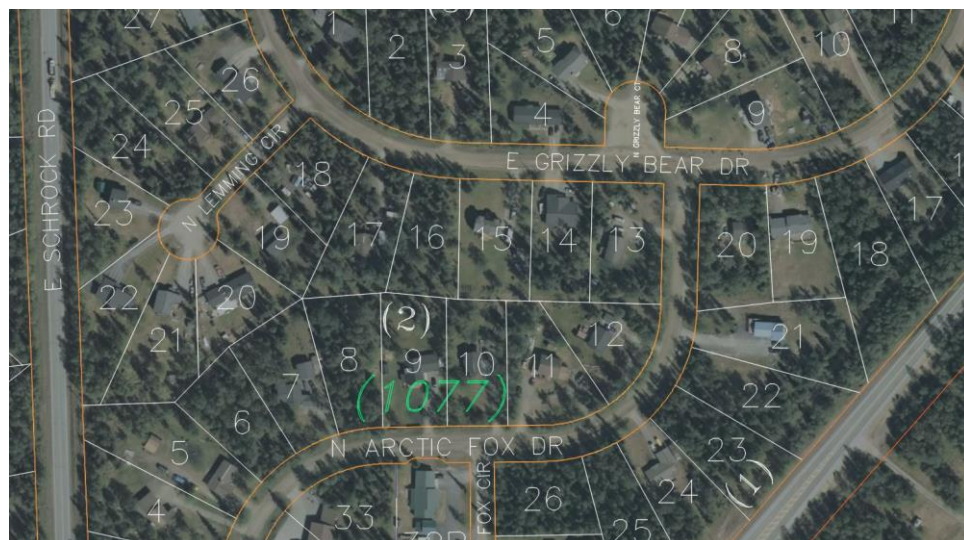
Drawing Extents will load as much of the service as will fit within the extents of the AutoCAD drawing.

Current View will only load as much of the service as will fit in the current AutoCAD Model space view extents.

Select Corners allows the user to select a customized extent for the service.



Click Add. Imagery will now appear as a file reference beneath any AutoCAD linework (the screenshot below shows imagery and an MSB tax map).



9. If the imagery service does not refresh when the AutoCAD view is shifted to a different location or scale, select the **Set Service Limit from Current View** icon on the ArcGIS tab, then click the **Refresh** icon.



10. To unload the service, click the **Remove Service** icon on the ArcGIS tab.



NOTE: Other GIS services, such as city boundaries, parcels, wetlands, hydro, etc. can also be loaded this way. You'll just need to add another connection to:

<https://maps.matsugov.us/map/rest/services/>

For help, call Susie Gibson (907-861-7899),
Will Sands (907-861-8406), or Kenny Kleewein (907-861-8536).