The procedure used by engineering to analyze or design a pole structure is outlined below and shown in the flowchart below.

1. Query the Quote database for the Quote number and Revision number.
   1. If the Quote is found,
      1. retrieve the PLS backup file from the database.
      2. Save the backup file to the PLS workspace
      3. Analyze or design the structure
   2. If the Quote is NOT found,
      1. Create the PLS structure using the PLS template which contains the post-processor definition.

The procedure defined here will require discussion to determine how it should be executed. Having only the PLS Post-Processor is not enough to complete the process. The **boxed region** below shows the gap in the process which needs to be resolved.

Questions needing answered:

* Will the engineer execute the process manually? I believe any manual process needs to be kept to a bare minimum.
  + How will the engineer get existing PLS files from the Quote database to reanalyze or redesign a structure?
* Will there be an intermediate application to set everything up? Perhaps a PLS-Pole Dashboard?

When the engineer completes the analysis or design of the PLS structure, the Post-Processor (PLS command line file) will populate the staging area with the following items:

* DXF files
  + Top view
  + Front view
  + Iso view
* PNG files
  + Top view
  + Front view
  + Iso view
* PLS postproc.xml
* PLS backup file.

