Extracting Drawing – SolidWorks - Guidelines

The extracting drawing below can be used to illustrate the steps required to create a proper drawing using SolidWorks.

1. There are 3 Orthographic and 1 Isometric view in this typical Extracted drawing.
2. The proper Display Style for the Orthographic projects is Hidden Lines Visible.
3. The proper Display Style for Isometric projections is either Shaded or Shade with Edges.
4. Center Marks and Center Lines have been added where needed.
5. The Orthographic views are properly dimensioned (per a later presentation).
6. The Scale for the Isometric projection may optionally be changed from the specified Drawing Scale in the Title Block(with an added note) to allow more space for the Orthographic projections.
7. A Symmetry note has been added.
8. The Front View is the object’s CHARACTERISTIC view which may have been changed from the front view of the part drawing. Note that there is a procedure shown in Solid Works Helps and Hints to reassign Orientation in a Part drawing.
9. The Size of the views has been changed from the default sheet scale to enlarge the views for clarity.
10. The Title Block has been completely specified.