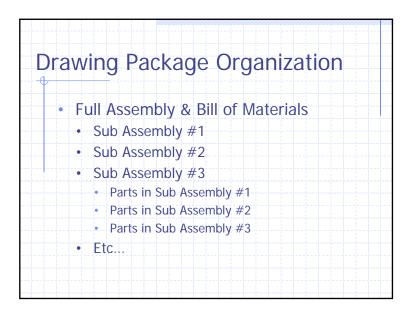
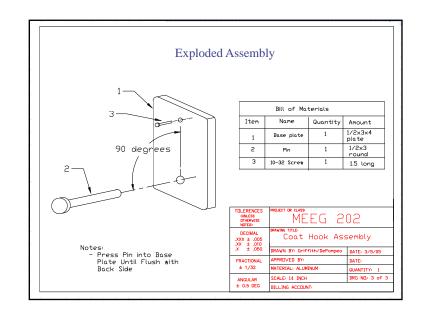
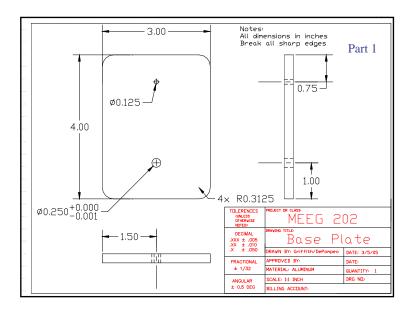


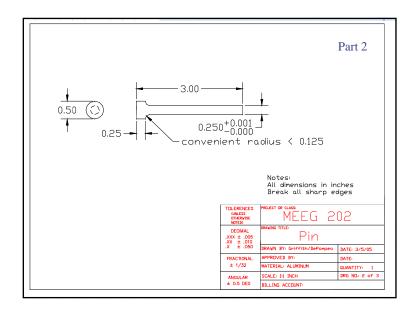
Drawing Packages	
 Contains all the descriptive documentation needed to ensure a part or system can be manufactured and assembled. 	
 Drawing Package = a group of drawings that communicate the details of a system or sub-system. 	
 Needs to be finished before any parts can be made. 	
 The final drawing package will be given to your customer. 	

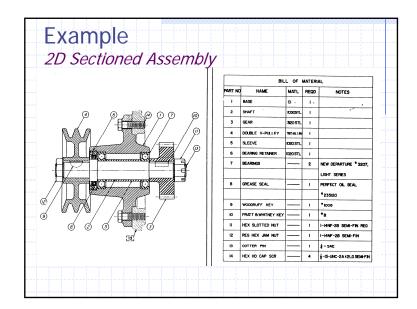
Drawing Package Elements				
•	Package Content			
	 Drawings for each component linked to parent assembly 			
	One or more assembly drawings			
	• 2D or 3D			
	Assembled or Exploded			
	Label all components			
	Include a <i>Bill of Materials</i>			
	Link to component drawings			
	 May also include wiring, pneumatic and other diagrams to communicate and illustrate connectivity and installation. 			

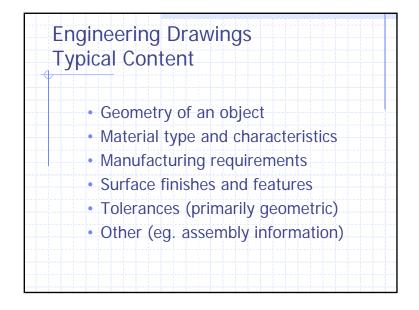


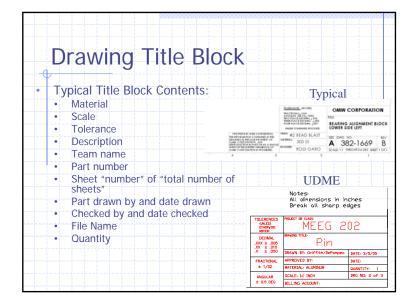


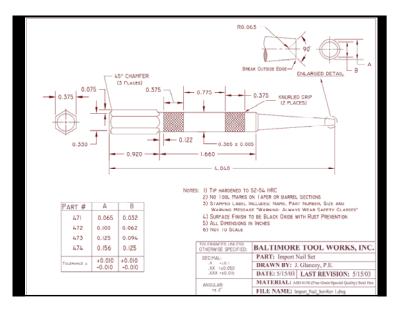


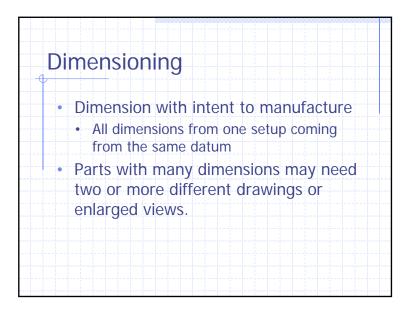






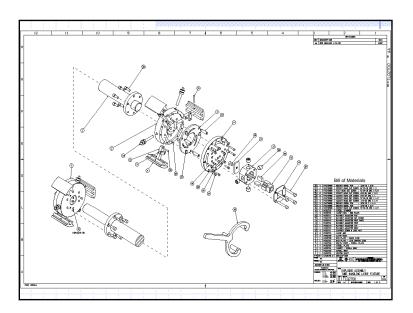


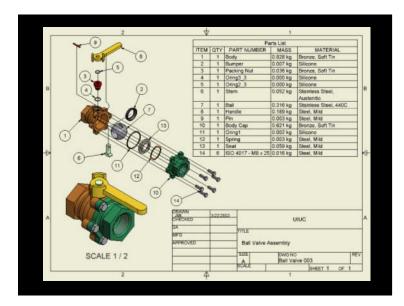


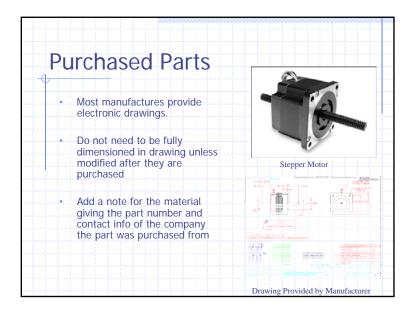


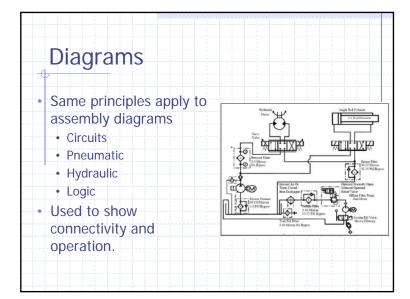
Bil	I of Materials
•	Bill of Materials Contents: • Part No.
	Quantity Material/Stock Size Sheet # Source
•	Bill of Materials are needed for each full and sub assembly
•	If the same part appears in multiple subassemblies it only needs to appear once in the drawing package.
•	Common format: Table with Columns
•	Typically included on the assembly drawing.

	ngineering Drawings he Legal Context
•	Engineering Drawing:
	• Binding document or set of documents that disclosed graphically and in text the form and function of an object.
	 Legally binding if created by or approved (i.e. stamped) by a professional engineer.

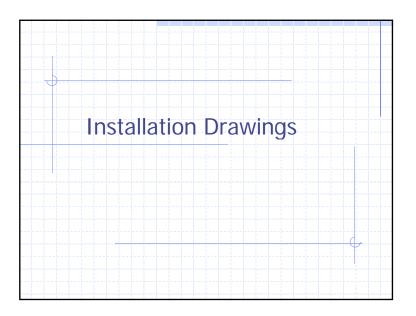


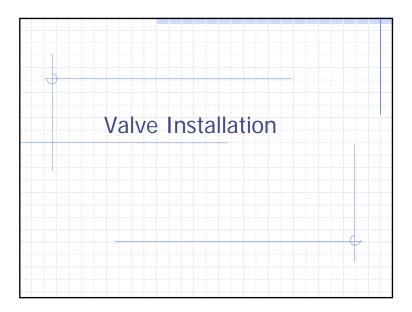












Installation Drawing Requirements
 Necessary to insure proper installation of a new design. Adapting into or onto an existing system. Demolition Modifications (holes, cutouts, etc.)
Can integrate/illustrate several sub-systems (mechanical, electrical, controls, etc.).

