



DRAWING REQUIREMENTS:

- 1.) TEXT SHOULD ALWAYS BE IN CAPITALS.
- 2.) VIEWS MUST ALWAYS BE ALIGNED ACCORDING TO THE "GLASS BOX" RULE.
- 3.) THERE SHOULD NEVER BE TEXT OR GRAPHICS UNDER THE REVISION BLOCK
- 4.) THE TITLE BLOCK SHOULD BE PROPERLY FILLED OUT AS YOU SEE BELOW.
- 5.) FEATURES SHOULD NEVER BE "DOUBLE DIMENSIONED". THERE SHOULD BE JUST ENOUGH DIMENSIONS ON THE PRINT FOR A MACHINIST TO MAKE THE PART.
- 6.) WHENEVER POSSIBLE, DIMENSION FROM A SURFACE THAT A MACHINIST CAN PHYSICALLY CONTACT TO MEASURE FROM.
- 7.) HOLES SHOULD HAVE PROPER CALLOUTS.
- 8.) A MATERIAL SHOULD ALWAYS BE SPECIFIED **BY ALLOY**, ie. 6061-T6 ALUMINUM, 1018 STEEL, PH17-4 STAINLESS STEEL
- 9.) ANY COATINGS OR ANODIZING SHOULD BE CALLED OUT.
- 10.) IF POSSIBLE, CHOOSE DIMENSIONS WHICH CAN BE CHECKED WITH CALIPERS.
- 11.) HOLES SHOULD HAVE CENTERMARKS WHEN VIEWED AXIALLY AND CENTERLINES WHEN VIEWED IN PROFILE.
- 12.) HIDDEN LINES SHOULD BE TURNED ON IN THE ORTHOGRAPHIC VIEWS AND TURNED OFF IN THE ISOMETRIC VIEW.
- 13.) THREADS SHOULD ALWAYS BE REPRESENTED COSMETICALLY, **NEVER EXPLICITLY**