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**Project 9.3k Detail Drawing Rubric**

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| Elements | Weight | 5 Points | 4 Points | 3 Points | 2 Points | 1-0 Points | Total |
| Title Block Information | 10% | The student’s name, the part name, material type, drawing scale, date, and other required information are correctly identified in the title block. | Most of the required title block information is identified. One or two pieces of information in error. | Some of the required title block information is identified. More than two pieces of information may be in error. | The title block is present, but most of the information is in error or in the wrong place. | The Title block is not present and/or none of the information has been supplied. |  |
| **Orthographic Views** | 20% | All necessary views are properly selected, placed, and aligned in order to include any specialty views e.g., sectional, auxiliary, etc. A proper front view has been selected. | All necessary views are correctly placed and aligned. Some extra unnecessary views have been provided. A proper front view has been selected. | Most necessary views were placed and may or may not be aligned. An inappropriate front view was also selected. | Most necessary views were placed and may or may not be aligned. An inappropriate front view was also selected. Any needed specialty views were omitted. | Some necessary views were placed but not aligned. An inappropriate front view was also selected. Any needed specialty views were omitted. |  |
| **Isometric View** | 10% | The isometric view is placed properly, its orientation is in agreement with the front view, and it is appropriately sized. | The view has minor errors in placement, orientation, or size. | The view has several errors in placement, orientation, or size. | The view has many errors in placement, orientation, or size. | The view is missing. |  |
| **Dimensions** | 40% | All necessary width, depth, height, size, and location dimensions are present and properly located according to ANSI standards. | Most of the necessary width, depth, height, size, and location dimensions are present. Not all dimension locations agree with ANSI standards. | Some of the necessary width, depth, height, size, and location dimensions are present. Not all dimension locations agree with ANSI standards | Few of the necessary width, depth, height, size, and location dimensions are present. Most of the dimension locations do not agree with ANSI standards. | Very few of the necessary width, depth, height, and size dimensions are present. There are many errors in dimension locations. |  |
| **Tolerances**  **(if applicable)** | 5% | All dimension tolerances, both general and specific, are properly identified. | Most of the general and specific dimension tolerances are properly identified. | Some of the general and specific dimension tolerances are properly identified. | Few of the general and specific dimension tolerances are properly identified. | There is no evidence of tolerances of any kind. |  |
| **Centerlines** | 15% | All required centerlines are properly located and correctly sized. | Most of the required centerlines are properly located and correctly sized. | Some of the required centerlines are properly located and correctly sized. | Few of the required centerlines are properly located and correctly sized. | The drawing does not include any centerlines.. |  |