**Kelowna Secondary School – Senior Drafting Rubric**

Orthographic Projection – Manually Drawn

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Blk: \_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **3 Excellent** | **2**  **Good** | **1**  **Needs Improvement** |
| Title Block   * Drawn accurately according to dimensions * Text is neat, vertical, guidelines used, letters not touching each other * Border lines dark * Use of ruler * Note of dimensions in in/mm * All capital letters |  |  |  |
| Planning and Spacing   * Adequate white space for dimensions around objects * Labels of views placed appropriately (bottom) * Equal spacing between views |  |  |  |
| Scale   * Accurate scale of 1:2 used (drawn) and labelled * Dimensions scale 1:1 |  |  |  |
| Ortho Projection   * Accurate placement and alignment of views (FRONT, TOP, SIDE) * Use of projection lines visible * 45ͦ projection line used |  |  |  |
| Drawing Correctness   * Drawn accurately according to dimensions |  |  |  |
| Line Work   * Ruler used * Object lines darker than others * Hidden lines drawn correctly * Center lines drawn correctly * Section lines drawn correctly |  |  |  |
| Dimensioning   * Baseline spacing (1/2") * Text size, arrow size and extension past dim lines ¼" * Text consistent and vertical * No repeat dimensions * Dimensions properly spaced amongst views * Ruler used * Continuous dimensions drawn correctly (no overlap) * Leaders used properly – Towards center * Radial and Diameter dims used appropriately * Offset from origin (gap between object line & extension line) * Hidden lines not dimensioned |  |  |  |
| **TOTAL =** | | | /21 |

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