1. Multi-view Drawing #1



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Dim.****Guide** | **Reason** |  | **Dim. Guide.** | **Reason** |
|  | **4a****7** | **Double-dimension;** **wrong side** |  | **4a****7** | **Double-dimension;** **wrong side** |
|  | **4b****7** | **Unnecessary dimension;** **wrong side** |  | **4a****7** | **Double-dimension; wrong side** |

2. Multi-view Drawing #2



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Dim.****Guide** | **Reason** |  | **Dim. Guide** | **Reason** |
|  | **8****5** | Dimensioned to hidden line; better on top view where contour of feature is shown  |  | **4b****7****5** | Unnecessary dimension; (wrong side – place between views);(better on front view where contour of feature is shown) |
|  | **5****7** | Better on top view where contour of feature is shown;(wrong side) |  | **3** | Missing dimension |

3. Multi-view Drawing #3

 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Dim.****Guide** | **Reason** |  | **Dim. Guide** | **Reason** |
|  | **4a****5** | Double dimension; (better on front view where contour of feature is shown)  |  | **4a, 4b** **7****5** | Unnecessary dimension; (wrong side – place between views);(better on front view where contour of feature is shown) |
|  | **4a****7** | Unnecessary dimension; contour of feature is shown;(wrong side) |  | **4a** | Unnecessary dimension – both corners located by other dimensions |
|  | **7** | Wrong side;(also a duplicate but this one should remain since shows better contour) |  | **4a** | Duplicate dimension(better on top view where contour of feature is better shown) |
|  | **7** | Wrong side |  | **7** | Wrong side(do not use different arrow heads) |
|  | **4b** | Unnecessary dimension |  | **5** | Better on front view where contour of feature is better shown (especially if adjacent 1.00 dimension is removed) |

1. Multi-view Drawing #4



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Dim.****Guide** | **Reason** |  | **Dim. Guide** | **Reason** |
|  | **16** | Locate center of hole  |  | **16** | Locate center of hole |
|  | **2****7** | **Give overall height dimension instead of chain;****(wrong side)** |  | **7** | Wrong side |
|  | **3** | Missing dimension (round radius) |  | **3** | Missing dimension (fillet radius) |
|  | **7** | Wrong side |  | **7** | Wrong side |
|  | **16** | Locate center of hole |  | **5** | Beeter on front view where contour of feature is shown better. Note that a radius dimension could be used instead. |

Note: “2 x” could be used in the dimension of the holes on the top view in lieu of dimensioning both.