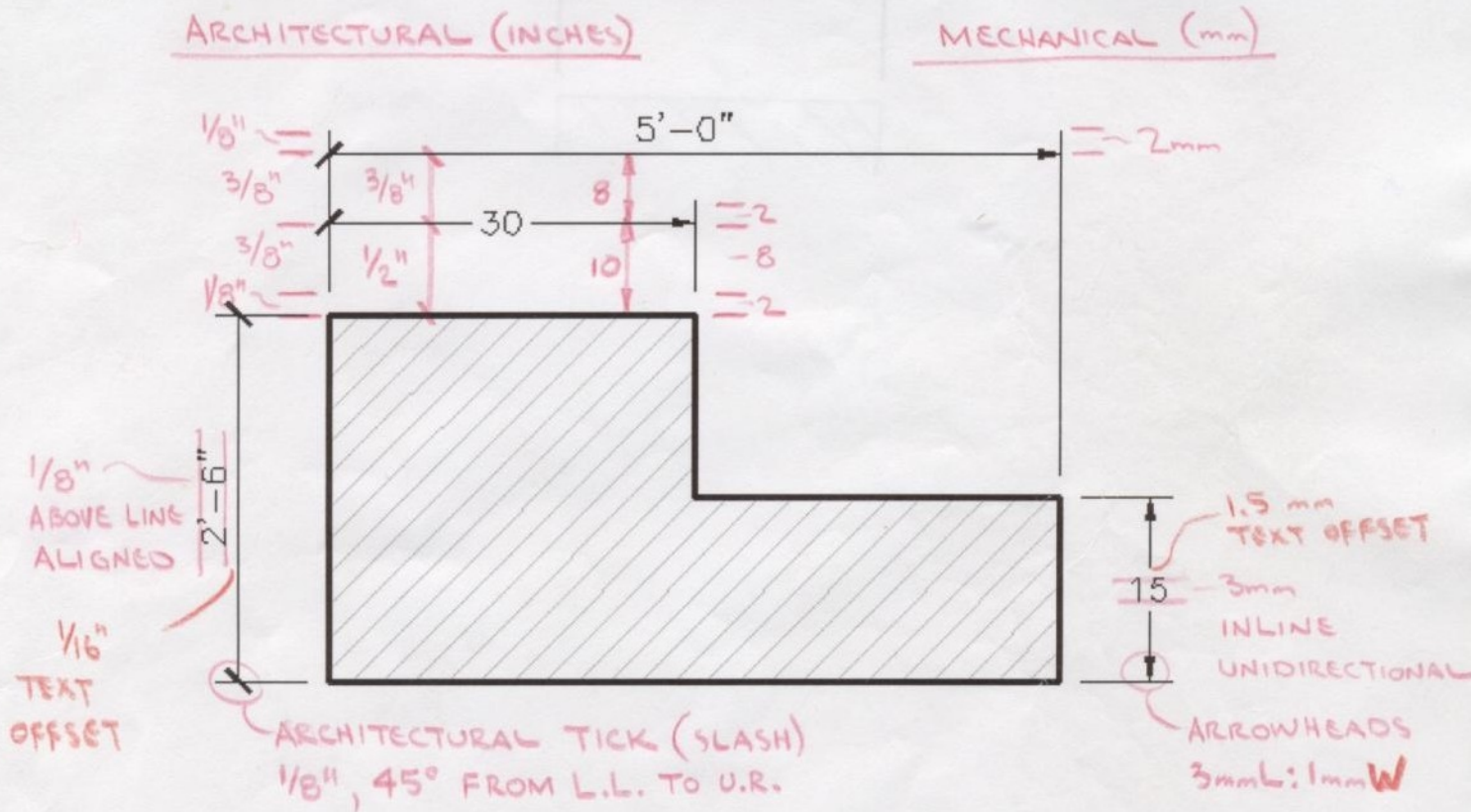




DIMENSIONING FUNDAMENTALS

Most technical drawings are used as plans to build or manufacture the object that is being drawn. In addition to the graphic description of the shape of an object, a technical drawing must provide all the necessary sizes of each feature of the object. These sizes are referred to as dimensions.



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Some basic dimensioning rules:

1. Show the dimension where the feature is best shown.
2. Include the 3 overall dimensions and all the required detail dimensions.
3. Don't repeat dimensions.
4. Don't cross dimension lines with extension lines
5. Omit 1 dimension in a chain (mechanical dwgs. only).
6. Dimensions should be given as full scale regardless of the scale the dwg. is drawn at.