

## **Structural Steel**

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1. Specifications structural work.

Should consider use of twist-off Legume bolts and load indicator field structural connections.

For metal building roof purlins will be adequately braced on the flange to resist all design loads. Purlin slide clips commonly used in seam systems will not be considered an effective brace for the purlin. Adequate purlin bracing such as threaded rods or sag angles must be provided in addition to the slide clips.

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1. Consultant will specify inspection and testing requirements and will include procedures for evaluation of test data.

Contractor will be responsible for scheduling tests. Contractor will be required to notify the Owner's representative a minimum of 48 hours prior to the time testing is needed.

2. Test results will be specified to be sent directly to the contractor, architect, and the Owner's representative.

## **Miscellaneous Metals**

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1. At exterior guardrails and handrails that are not a significant part of a building's architecture, construction will consist of fully welded hot dipped galvanized steel pipe. Infill panels will consist of vertical balusters. Support posts will be set in sleeves oversized 1" and cast into the walk.
2. On MU projects:

3. Specifications will require a mock up panel for all welded railings, grilles, and similar architectural metal elements.

END OF SECTION