

REVIEW OF SHOP DRAWINGS

The basic purpose for our review of structural steel shop drawings is to assure that the fabricator produces a finished product meeting the materials and design requirements shown on the contract design plans. We are not, in general, verifying the accuracy of all dimensions relative to fabrication.

The review shall include:

1. Verify that all materials are supplied to meet the materials designation on the plans. (This includes the paint).
2. Verify that all members (beams plates, rods, etc.,) are the size specified on the plans.
3. Verify number and size of all bolts, shear connectors, and stiffeners.
4. Check dimension C. to C. of bearings.
5. Review blocking diagram from the standpoint of providing adequate support for the member. Do not review for correctness of dimensions.
6. Verify weld sizes and procedures.
7. Check cleaning designation versus paint type.
8. Circle any dimension that is obviously incorrect.
9. Verify joint size versus seal size.

The review does not include:

1. Check of camber diagram.
2. Check of detail dimensions.
3. Check of bolt list.

Each sheet of plans, when reviewed, shall be stamped with stamp shown below.

AP
5-13-82

| |
|--|
| REVIEWED FOR GENERAL CONFORMITY TO PLANS AND SPECIFICATIONS. ALL DIMENSIONS AND QUANTITIES SHOWN ARE CORRECT |
| CONTAINED HEREIN IS THE PROPERTY OF THE STATE OF ARIZONA |
| DATE |
| ARIZONA STATE DEPARTMENT BRIDGE DESIGN DIVISION |