

## CHAPTER C-8

### REVIEW OF GOVERNMENT APPROVED SHOP DRAWINGS

1. Purpose. This policy establishes the Engineering Division guidelines for in-house or A-E review of Government approved shop drawings during construction.
2. Applicability. This policy applies to all design personnel within Engineering Division.
3. Background. Government approved shop drawings by definition are those vendor drawings that constitute an extension of the design effort on the part of the original designer. In the absence of detail design guidance on the contract drawings, the contractor or his representative is allowed complete the design using the design criteria specified by the designer, subject to the review and approval of the designer. In order to produce quality designs and maintain accountability/responsibility for those designs, it is desirable to have the original designer review the shop drawings to the maximum extent possible.
4. Discussion.
  - a. It is the policy of Engineering Division to ensure that the engineer/architect who is the most qualified to review the shop drawings be the design reviewer. In most cases, and for most disciplines, this means that the engineer or architect that performed the design or served on the design team will be the one to review the shop drawings. This policy applies to both A-E and in-house designs. It is especially advantageous for A-E designs, because it simplifies any questions of liability should there be a problem with the design develop at a later date.
  - b. It is recognized that there will be exceptions to this rule. Where in-house design review is required to coordinate equipment and ensure compatibility with other projects, or where specialized expertise not available with the A-E is involved, section chiefs will have the authority to declare an exception to the policy and opt to review certain submittals with in-house staff. It should be emphasized that this is an exception to policy, and the decision to review shop drawings for an A-E design will not be delegated below the section chief level.
  - c. Title II A-E services will be used in order to implement the above policy on A-E designs.