

CEMP-EM

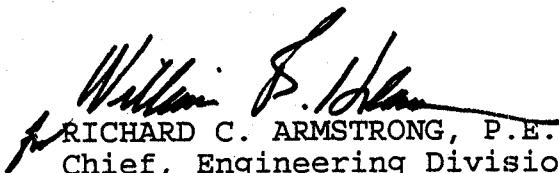
Technical Letter
No. 1110-3-451

17 June 1994

Engineering and Design
PRECAST ARCHITECTURAL CONCRETE

1. Purpose. This letter provides guidance for design of precast architectural concrete panels for building construction.
2. Applicability. This letter applies to all HQUSACE elements, major subordinate commands, districts, and field operating activities (FOA) having military medical facility design responsibility.
3. Background. Significant problems occurred with the design, fabrication and erection of precast architectural concrete panels for a new hospital. Design responsibilities of the Architect-Engineer and the construction contractor were not clear. A major contract modification was required to resolve the resulting situation.
4. Action. CEGS-03450 Precast Architectural Concrete shall be used to specify precast architectural concrete panels for building construction. Design responsibility for these panels shall be in accordance with this specification. The final design will be by the construction contractor, subject to Government review and approval. Therefore, care shall be taken that only essential information, consistent with the specification as edited for the specific project, is provided on the contract drawings. Excessive drawings, details and dimensions that may result in discrepancies hindering the contractor's design effort, shall be avoided.
5. Implementation. This letter will have special application as defined in ER 1110-345-100.

FOR THE DIRECTOR OF MILITARY PROGRAMS:


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