

Causes of discrepancies between design and construction

[Arain, Faisal Manzoor](#) (Department of Building, School of Design and Environment, National University of Singapore); [Assaf, Sadi](#); [Pheng, Low Sui](#) **Source:** *Architectural Science Review*, v 47, n 3, September, 2004, p 239-249

ISSN: 0003-8628 **CODEN:** ASRVA4

Publisher: University of Sydney

Abstract: The study focuses on the causes of discrepancies at the design and construction interface in large building projects. To achieve the study objectives, a questionnaire survey was carried out to collect information on potential causes of discrepancies at the project design and construction interface. Responses from 48 consultants and contractors were analyzed. The results suggest that the lack of coordination, insufficient working drawing details, involvement of designer as consultant, involvement of contractor as consultant and participants' honest wrong beliefs were considered as the most important causes of discrepancies at the project design and construction interface. On the other hand, project management as a professional service, the nationality of the professional firms and involvement of the contractor in design phases were least important causes of discrepancies between professionals at the project design and construction interface in large building projects. (19 refs.)