

ABSTRACT

Roimanuel Bramnatasya Purba (2021101010)

RECONCILIATION OF WORKING DRAWINGS WITH FIELD CONDITIONS IN THE CONSTRUCTION PROJECTS OF SMKN 74 JAKARTA, SMPN KARET KUNINGAN, AND SDN PONDOK PINANG

The reconciliation between working drawings and site conditions is a crucial phase in construction projects to ensure that the planned design can be effectively and accurately implemented on-site. This study aims to analyze the alignment and discrepancies between working drawings and actual site conditions in three public school construction projects: SMKN 74 Jakarta, SMPN Karet Kuningan, and SDN Pondok Pinang. The research methods include field observations, document analysis of working drawings, and interviews with project implementers and planners. The findings indicate that discrepancies are generally caused by design changes, limitations in initial survey data, and technical challenges in the field. Reconciliation efforts were carried out through drawing revisions, intensive team coordination, and adjustments in construction methods. This study highlights the importance of effective communication, accurate updates of existing conditions, and flexibility in design adaptation to ensure project success. The results are expected to serve as a reference for improving the reconciliation process in similar future construction projects..

Keywords: reconciliation, working drawings, site conditions