CRITICAL CONSTRUCTABILITY ACTIVITIES IN BUILDING PROJECTS

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Fundamental studies on constructability issue done in United States, United Kingdom and Australia illustrate capability of this concept to affect overall objectives of construction projects. It can result in significant cost and time savings and improved final quality by consideration of construction contractors experiences during conceptual planning and design phases. As intensive as these studies are, they do not attempt to investigate importance of these activities in order to find each of their specific barriers separately. This research explores Constructability Activities (CAs) in all project phases separately based on amount of contractors involvement in each activity and also amount of gap that exists between target and actual effects of each activity on achieving the final objectives of building projects in Malaysia. It ends to development of Critical Constructability Activities (CCAs). This research is crucial to gaining a better understanding of CCAs which are caused based on contractors higher participation percentage and larger gaps between their target and actual effects on achieving the final aims of the project. This research highlights the need to overcome barriers of CAs implementation in building projects. This study recommends construction stakeholders to concentrate more on CCAs in order to achieve the overall objectives of the project much faster and easier.

Constructability Activities, Buildability, Contractors involvement, Target Effect, Actual Effect, Building Projects, CA, CCA
این صفحه به معنای تاییدیه نمایه سازی مقاله در پایگاه استنادی سپیلیکا می‌باشد. در هر لحظه به منظور تایید اصل‌ت این گواهی می‌توانید وضعیت ثبت مقاله را از طریق لینک فوق به صورت آنلاین کنترل نمایید.