UNIVERSITAS GADJAH MADA
**Analisis Tingkat Akurasi Quantity Takeoff Volume Beton dan Tulangan Berdasarkan Level of Development (LOD 350 dan LOD 400) Pada Model BIM Terhadap Realisasi Pekerjaan Struktur (Studi Kasus: Eka Hospital Puri)**
Muhammad Daffa Reaginta, Ir. Ika Rahmawati Suyanto, S.T., M.Eng.
**Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/**

# DAFTAR PUSTAKA

Abualdenien, J., & Borrmann, A. (2022). Levels of Detail, Development, Definition, and Information Need: A Critical Literature Review. *Journal of Information Technology in Construction*, *27*, 363–392. https://doi.org/10.36680/j.itcon.2022.018

Autodesk. (n.d.). *Autodesk Revit Features | Revit Software Features*. Retrieved March 28, 2026, from https://www.autodesk.com/products/revit/features

BIM Forum. (2020). *Level of Development (LOD) Specification Part I & Commentary*. (April), 254. https://bimforum.org/lod/

Eastman, C., Teicholz, P., Sacks, R., & Liston, K. (2011). *(Eastman, C., Teicholz, P., Sacks, R., & Liston, K. 2011). BIM Handbook A Guide to Building Information Modeling.*

Ferial, R., Hidayat, B., Pesela, R. C., & Daoed, D. (2021). Quantity take-off berbasis building information modeling (bim) studi kasus: gedung bappeda padang. *Jurnal Rekayasa Sipil (JRS-Unand)*, *17*(3), 228–238. https://doi.org/10.25077/jrs.17.3.228-238.2021

Innovation, M. (n.d.). *BIM Level of Development | LOD 100, 200, 300, 350, 400, 500*. Retrieved April 5, 2026, from https://www.monarch-innovation.com/bim-level-of-development-lod-300-350-400-500

Khosakitchalert, C., Yabuki, N., & Fukuda, T. (2018). *The Accuracy Enhancement of Architectural Walls Quantity Takeoff for Schematic BIM Models*.

Montgomery, D. C. (2013). *Statistical Quality Control*.

Rahayu, R., & Suseno, D. P. (2023). Analisis Perbandingan Quantity Take Off Menggunakan BIM Glodon Cubicost dengan Microsoft Excel. *Jurnal Teknik Sipil*, *16*(2), 1–15. https://jurnal2.untagsmg.ac.id/index.php/JTS

Sadad, I., & Noviantoro, D. (2024). Implementasi Building Information Modeling (BIM) Menggunakan Metode Quantity Take Off Untuk Menentukan Volume Pekerjaan Struktur (Studi Kasus : Pembangunan Gedung Perpustakaan Kabupaten Pesawaran) Implementation of Building Information Modeling (BIM) Usin. In *Jurnal Teknika Sains* (Vol. 09).

Safitri, M. (2025). *Rekayasa Building Information Modelling (BIM) Based Cost Estimation Menggunakan Revit dan iBuild pada Perencanaan Gedung Rusun Medan Islamic Center*.

Simatupang, F. J., Hasibuan, G. C. R., Jaya, I., Syahrizal, Dewi, R. A., & Syafridon, G. G. A. (2024). Quantity Take Off Comparison Using Building Information Modelling (BIM) with Autodesk Revit Software and Traditional Method. *International Journal of Architecture and Urbanism*, *8*(2), 184–190. https://doi.org/10.32734/ijau.v8i2.16146

Triola, M. F. (2022). *Elementary Statistics 14 Edition*.

UNIVERSITAS
GADJAH MADA
**Analisis Tingkat Akurasi Quantity Takeoff Volume Beton dan Tulangan Berdasarkan Level of Development (LOD 350 dan LOD 400) Pada Model BIM Terhadap Realisasi Pekerjaan Struktur (Studi Kasus: Eka Hospital Puri)**
Muhammad Daffa Reaginta, Ir. Ika Rahmawati Suyanto, S.T., M.Eng.
**Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/**

Badan Standardisasi Nasional. (2019). Persyaratan beton struktural untuk bangunan gedung dan penjelasan (SNI 2847:2019). Jakarta: Badan Standardisasi Nasional.