

The WTP carbon recovery project

Team: DJHG1

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What is BIM

BIM (Building Information Modeling) is a digital process for collaboratively designing and managing construction projects.

Problems to Solve

Using automatic LOD checks to overcome inefficiencies and human errors in manual LOD checks.

More Information

Scan







BIM Data Filter

Design

Steel Framing Column LOD 350 plus (500mm x 500mm x assembly and Fabrication Information Bolt size: M24. Bolt Weld details: 10mm fillet welds. LOD 100 plus Material type: \$275 located at grid steel. intersection A1. LOD 300 plus base plate of 600mm x LOD 200 plus measurements adjusted (450mm > 600mm x 50mm.

What is

LOD?

LOD

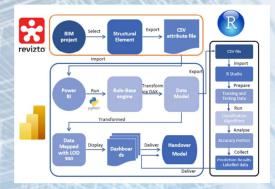
Extraction

Rule-based

Engine

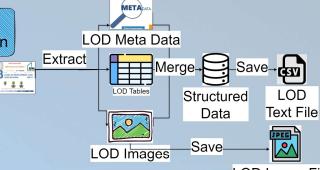
23





BIM Data Count

Implement



LOD Image Files

Outcomes

The BIM Count Grouped by Class

The Proportion LOD 300 Compliance Grouped by Class

BIM Data List



Overall Proportion of LOD 300 Compliance

The Attributes List that Causes Non-Compliant to LOD 300

