

Sustainability – the supply side

Building to a 6★ rating

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Agenda

- The project
- Understanding the brief
- Approach
- BIM – finding solutions before there are issues
- Final thoughts



The project: Geyser, Parnell



Samson Corporation | Patterson Architects Ltd | Tricia Love Consultants | RCP | eCubed

Understanding the brief



6★ Green Star **Design rating** – world leadership



6★ Green Star **building**

Opportunity to influence

- EMS
- On-site waste
- Timber
- Steel
- Concrete
- etc

Approach – supply chain



- Setting up systems
- Partnerships
- Communication



Forestry Stewardship Council



Holcim

Recycled content

Cement replacement

Truly sustainable construction...

- Green Star = first step
- What next?

Building Information Modelling (BIM)

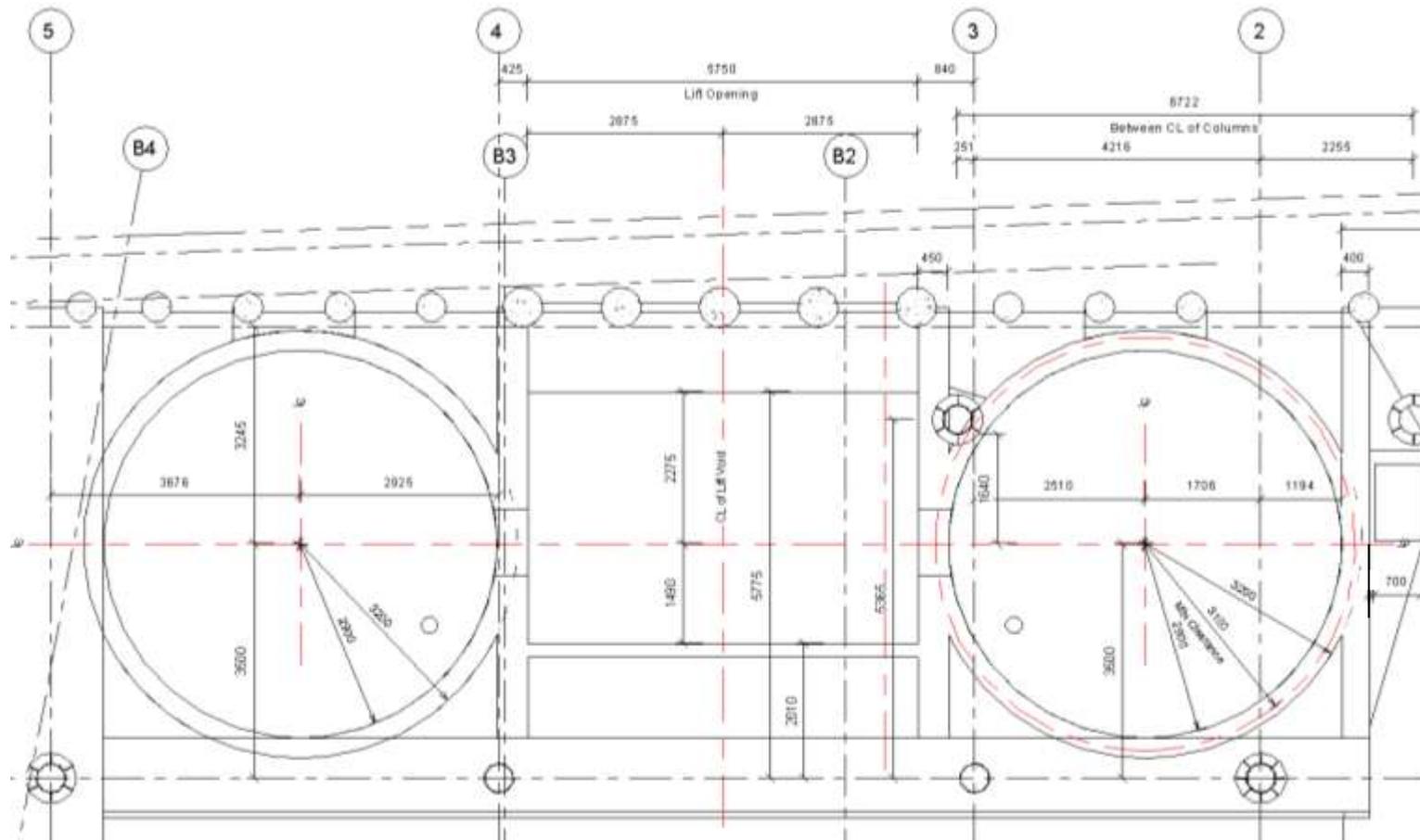
The process of generating and managing building data throughout the life cycle of a Building.



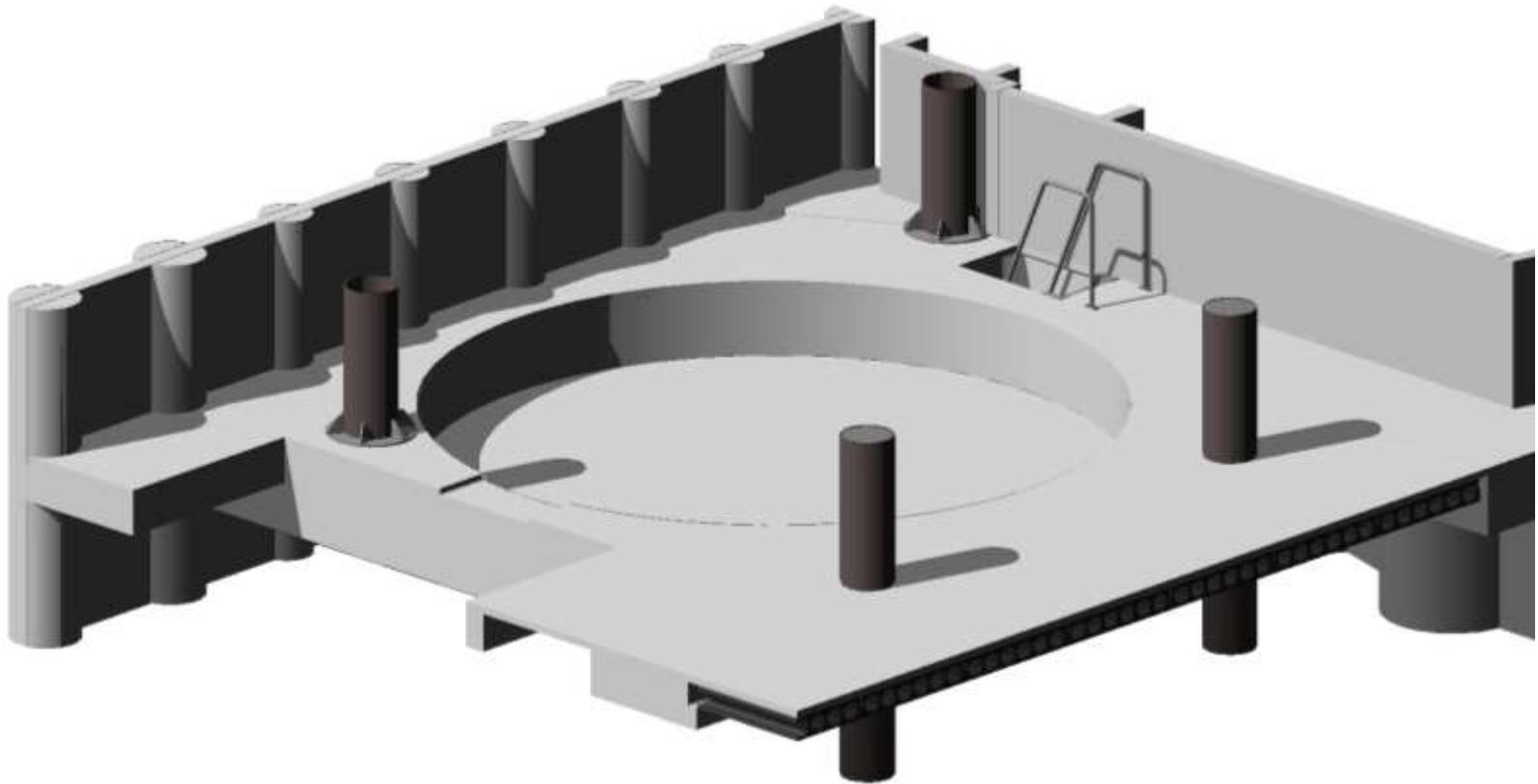
The Benefits of BIM

- Provides an effective presentation of construction approaches
- Identify possible conflicts that may arise during building construction
- Allows for more 'what if' analysis
- Helps contractors, clients and tenants better understand and visualize the end product
- The biggest advantage of using BIM is that it reduces errors and hence rectifications – saving costs and resources

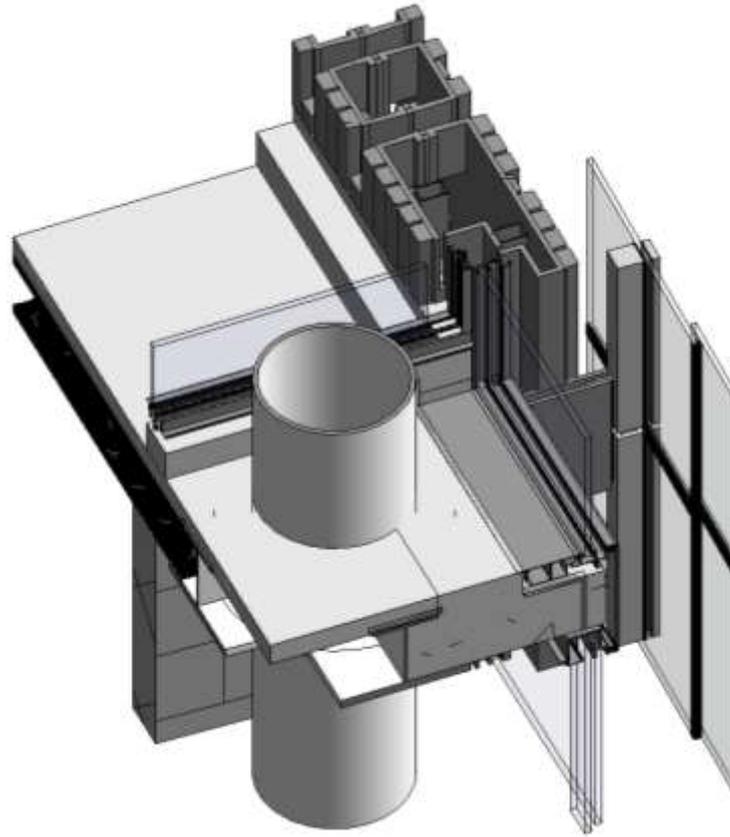
Bringing BIM to Site



The Finished Product



Complicated Junctions



Has it Saved any Money?



The Question is How Much?



Questions?

thank you