

More Explicit Relations with Building Information Modelling, BIM/IFC

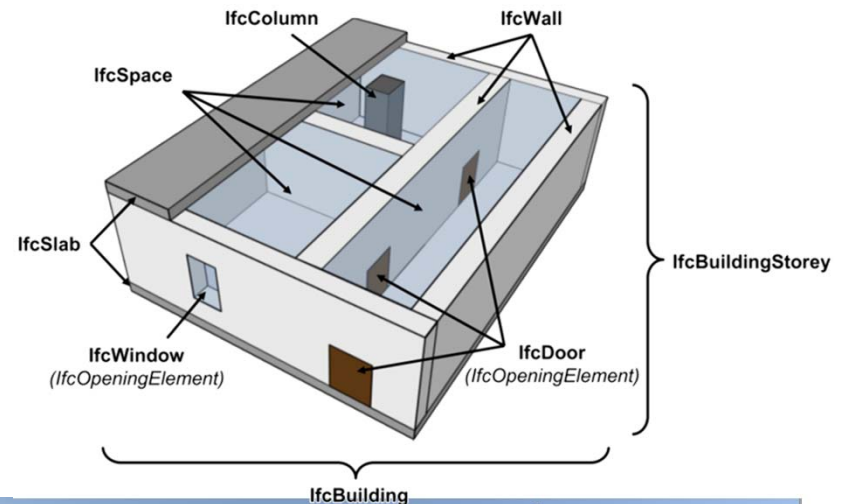
Mohsen Kalantari

Centre for SDIs and Land Administration

The University of Melbourne

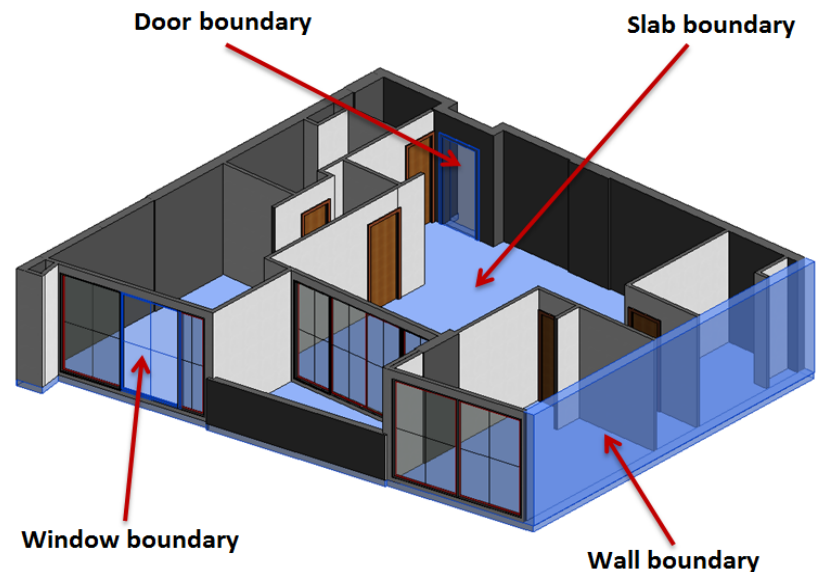
Building Information Modelling

- Rich and shared knowledge resource for managing building information in three physical dimensions and enables multi-disciplinary collaboration among different stakeholders involved in the development process of high-rise buildings.

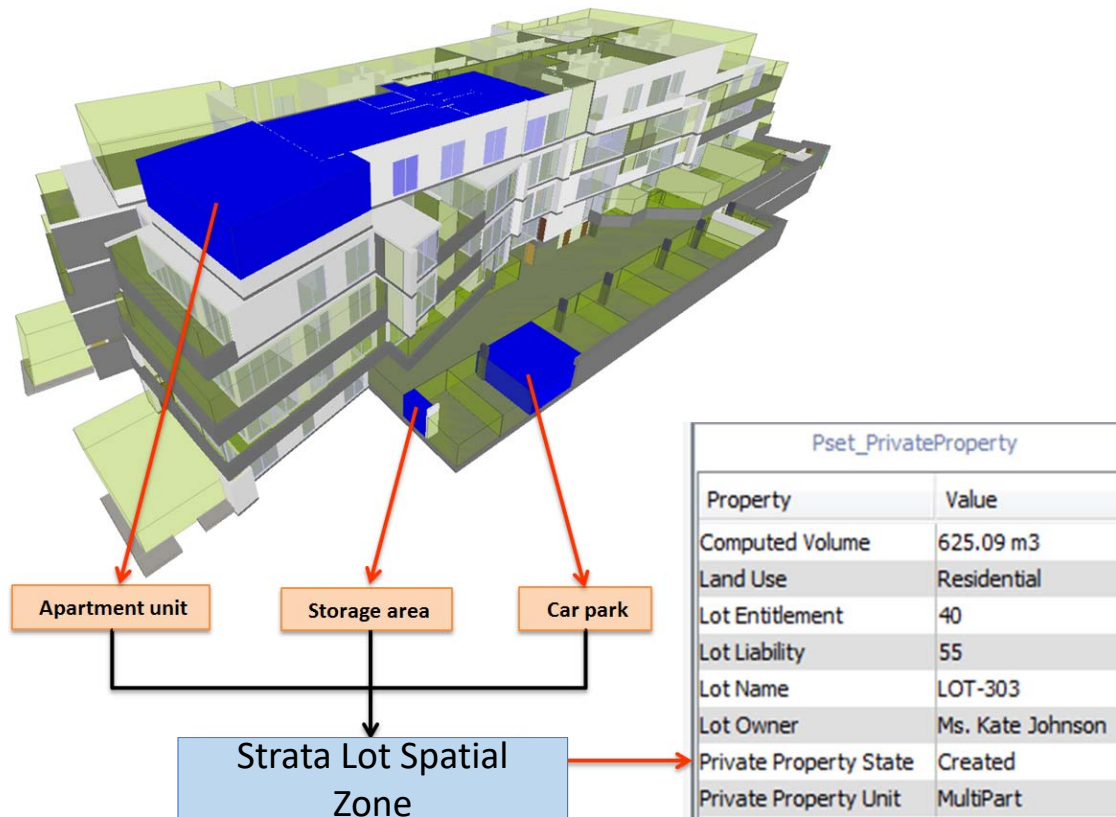


BIM for Land Administration

- Given that land administration information about high-rise buildings is mostly derived from the physical aspects of the building, BIM models could potentially offer a feasible solution for the 3D digital management of ownership rights.



Strata Lot Example in BIM



LADM and BIM

- Explicitly
 - accommodate those situations where physical elements are used to delineate the spatial extent of 3D RRR spaces
 - provide sufficient semantic information about 3D RRRs, e.g. “LA_BoundaryFace”
 - address use cases predicated on physical building attributes that could have legal implications such as valuation and taxation



3D
AUSTRALIA
2017 3D GeolInfo Conference



12th 3D GeolInfo Conference
26 - 27 October

1st International IAG Workshop on BIM and
GIS Integration
25 October

3D Cadastres symposium and training
24 October

