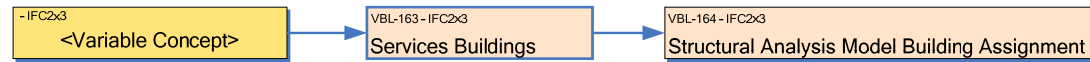


## IFC Release Specific Concept Description (IFC2x3)

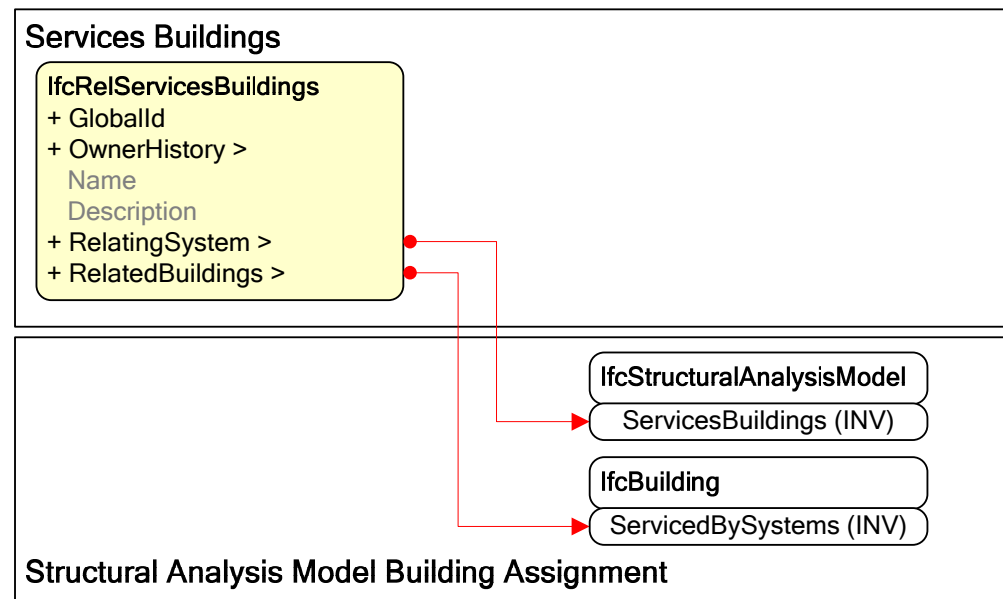
# Structural Analysis Model Building Assignment

Reference	VBL-164	Version	2	Status	Proposal
Relationships	Implements generic concept "Related Building"				
History	Created 23.10.2006, improved 27.9.2007				
Authors	Sakari Lehtinen				
Document Owner	Virtual Building Laboratory @ TUT (sakari.lehtinen@tut.fi)				

### Usage in view definition diagram



### Instantiation diagram



### Implementation agreements

#### IfcRelServicesBuildings

Attribute	Implementation agreements
GlobalId	Providing a GUID is mandatory, but the GUID is allowed to change.
OwnerHistory	Providing an OwnerHistory is mandatory, but it is allowed to use dummy data.
Name	Reserved.
Description	Reserved.
RelatingSystem	Must be one IfcStructuralAnalysisModel.
RelatedBuildings	Must be one IfcBuilding. NOTE: Each IfcBuilding may have several IfcStructuralAnalysisModel assigned to it.

### Additional information

#### P21 example

```
#38=IFCPROJECT('0HJL2L0NBcPr2gE4njs9n', #2, 'RBHD project', $, $, $, $, (#39), #40);
#267=IFCRELAGGREGATES('0Y3UVSfAjaL6hPc1c$pg7', #2, $, $, #38, (#62));
#62=IFCSITE('2mhas2GcnF$bHcQTy2b2an', #2, $, $, $, #46, $, $, .ELEMENT., $, $, $, $);
#61=IFCRELAGGREGATES('39hz_mNb0DKUUu7$UMJ81', #2, $, $, #62, (#37));
#37=IFCBUILDING('12pC6BnFT8NMzS30T1pJLZ', #2, 'Example Building', $, #45, $, $, .ELEMENT., $, $, $, $);
#57=IFCRELAGGREGATES('3WNGnCoS19ybIe2kjE1e83', #2, $, $, #37, (#58, #59, #60));
#58=IFCBUILDINGSTOREY('0DSrD5EFn4PMnWzC2fybjC', #2, 'Floor.1', $, $, #1495, $, $, .ELEMENT., $);
#36=IFCRELSERVICSBUILDINGS('2HuY18I_D3s7PGGIqk6wxx', #2, $, $, #28, (#37));
#28=IFCSTRUCTURALANALYSISMODEL('2uRpA0c3HFLcW0f7ywxmPv', #2, 'Example model', $, $, .LOADING_3D., $, $, (#8, #16, #33), $);
```

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The content of this document has to be certified by the IAI before becoming part of an official IFC Model View Definition.

