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Change Request #:	42
Assigned OGC Document #:	10-007
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Document Name/Version:	*City Geography Markup Language (CityGML) Encoding Standard / 1.0.0
OGC Project Document:	*08-007r1
If this is a revision of a previous submission and you have a Change Request Number, then check here: ☐ Enter the CR number here: Enter the Revision Number that you are revising here:	
Title:	*planimetric building footprints in LOD0
Source:	*Ordnance Survey, as briefly discussed at recent CityGML SWG meeting
Work item code:	
Category:	* B (Addition of feature)
Reason for change:	* improve the utilisation of existing 2D datasets (topographic building footprints) in the creation of 3D city models. This will allow models to include 2D data that can be rendered in 3D where feature height information does not exist.
Summary of change:	* extend the model to allow planimetric building footprints and a single building height attribute in LOD0 buildings.
Consequences if not approved:	utilisation of 2D building data in a 3D model is not possible.

Clauses affected: ⓘ	* 10.3 building model A3 building schema
Additional Documents affected: ⓘ	
Supporting Documentation: ⓘ	will be submitted later
Comments: ⓘ	the inclusion of planimetric floor plans for individual stories also needs to be discussed in this context. Floor plans would constitute a more significant change since CityGML currently does not have the concept of a storey or floor. In comparison the addition of a 2D topographic building footprint is a simple addition that should be backwards compatible with v1.0.0.
Status: ⓘ	Assigned
Disposition: ⓘ	Referred