## All Fields marked with \* are mandatory.

Change Request #:	169
Assigned OGC Document #:	11-104
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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 Revsion Number that you are revising here:	
Third (a)	*A11'4' 1 1 C 4 4' 4 4 1 1 '11'
Title:	*Additional class for constructions other than buildings
Source:	*Geonovum; the 3D pilot held 2010-2011 in the Netherlands.
Work item code:	
Category:	* C (Functional modification of feature)   ‡
Reason for change:	CityGML currently lacks (a) class(es) for constructions that are human-built objects, but that are not 'buildings' in the normal meaning: e.g. they have no roof, doors, windows etc, may not be able to be closed off, etc.  The INPIRE Building domain model also has a class OtherConstruction. Harmonization with Inspire constitutes a second reason for change.
Summary of change:	*  This issue is partly addressed by earlier change requests:  Harmonisation with Inspire Themes (CR 10-062)  Thematic module for bridges (CR 10-051)  Thematic model for man-made subsurface structures (CR 10-048)

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Thematic model for walls in cities (CR 10-053) These change requests do not cover all types of Constructions represented in IMGeo. However it is not always needed to represent them in a lot of detail in a separate thematic model (such as bridges). A generic class for Constructions with a function codelist would suffice for most cases. This could cover constructions related to water management like dams, sluices, etc., separating objects like walls and fences, and other constructions which are not quite buildings, like storage tanks or wind turbines. These classes are added with one superclass called "Construction", specialisation of CityGML \_Site. Consequences if \(\) Constructions that are not buildings cannot be well represented in CityGML. not approved: Clauses affected: \* 10.3 **Additional Documents** affected: **Supporting** Documentation: Comments: Status: Assigned ‡ Assigned To: CityGML SWG Disposition: Referred and Posted +

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