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Change Request #:	75
Assigned OGC Document #:	10-058
Name:	*Nobuhiro Ishimaru
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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:	*CityGML Change Request - Description of Doors and Windows
Source:	*Hitachi
Work item code:	
Category:	* C (Functional modification of feature)
Reason for change:	* It is necessary for indoor routing, facility management, floor planning, CG visualization, and so on.
Summary of change:	* Add the descriptions, such as door opening direction, how to open it, or if it is an automatic door.
Consequences if not approved:	Utilization of 3D building model for indoor routing and the rest is not possible.
Clauses affected:	* 10.3.4 Openings, C.1 Building

Additional Documents affected: ⓘ	
Supporting Documentation: ⓘ	See 09-067r2 OWS-6 Outdoor and Indoor 3D Routing Services Engineering Report
Comments: ⓘ	IFC describes the door opening direction by y-axis, ObjectPlacement. And the opening way (single swing, double swing, revolving, etc) is described by OperationType.
Status: ⓘ	Assigned
Disposition: ⓘ	Reffered