Changes in inframodel xml-schemata (inframodel.xsd, im.xsd, inframodelEnumarations.xsd) v.4.0.3-> v4.0.4 and in html-documentation -- 31.3.2020

Ch. #	Schema	Documentation
		General
		Inframodel 3 -> Inframodel in start page figure
		Examples updated to version 4.0.4
		Headers
1.1		Use of scandic and special characters in names advised against, examples in documentation checked.
1.2	Changed namespace from http://www.inframodel.fi/inframodel to http://buildingsmart.fi/inframodel/404	Use of namespaces and schema location advised.
1.4		Use of <CoordinateSystem> attributes for horizontal and vertical system definition clarified. Use of ESPG codes with prefix in @verticalCoordinateSystemName, and without prefix in @epsgCode.
		Use of im namespace prefix in documentation for elements specified in im-schema.
1.6		Updated terrainCoding and surfaceCoding recommendations (TieL outdated) to Infra and InfraBIM. Updated links to codings.
		Base data
2.2		<Boundaries> added as optional element in Inframodel use
		Role of Source data as <Breaklines> and <Datapoints> clarified (triangulation shall match source data)
	proprietaryInfraCoding added for <Breakline> and <Datapoints>	
		Examples DataPoints.xml and Breaklines.xml updated to show use of terrainCoding
2.4		Broken links to TIEH 2100029-04 fixed
2.5		Broken link to TIEH 2100029-04 fixed
		Route planning
3.2.2		Alignment type coding to use infraCoding instead of terrainCoding
3.3		Multiple vertical geometries for one horizontal disallowed

3.6		Term "Surface model" clarified
3.7		Use of Structural model clarified
3.8		Meaning of Cross-section parameters clarified
	Roads and streets	
4.4		Corrected superlevation values (all negative)
		Links to fta.fi removed
4.5		Term "Surface model" clarified
		IM_structLayer strength [Mpa] clarified to mean E-module
	Railways	
5.5		Broken links to RATO removed
5.6		Term "Surface model" clarified
	Areas	
7.2		Use of structural model clarified
		Broken link to image fixed
7.3		Use of structural model clarified
		Broken link to image fixed
7.4		Use of structural model clarified
		Broken link to image fixed
		"Structural surfaces or cross-sections are usually not defined for noise barriers" corrected
	Pipe networks	
8		1. Pipe, 2. Rectangular pipe, 3. Center ja 4. Additional data section numbering fixed, Additional data changed to Details
8.3		IM_pipeNetworkType Featuren Property-label value pipeNetType corrected to pipeNetworkType (as in Schema)
8.4		Text "The table presents volume (liter) and several length unit (millimeters) conversions." removed
8.5		Corrected spelling of ConstructionDate and RenewalDate to constructionDate and renewalDate in examples

8.6	In IM enumerations schema (enumerations.xsd), added enumeration value PP to InframodelPipeNetworkMaterialType	
		elevTypes in image corrected to match the values in table
Plan features		
9.2		Sections 1. Cable information - 7. Plan feature type coding added to TOC
As-built data		
10.2		SurveyOrder attribute explained (sequence number)
10.3	In IM enumerations schema (enumerations.xsd), added enumeration value accuracyDescription to InframodelSurveyCorrectionsFeatureLabelType	
10.3		SurveyOrder attribute explained
10.3		Clarified where and how Name-attribute is used to store GUID, and how GUID is generated
11	**Deep foundations**	
		Use of im namespace prefix in documentation
EXTENSIONS		
		List of extensions and their descriptions updated
		Removed reference to Leica RoadRunner software.