

# IFC Schema Report

## Schema

Report Date 2025-12-15 18:35:12

IFC Schema IFC4X3\_ADD2

MVD(s)  CoordinationView

File Name in Header -

File Name Saikei-SH21.ifc

File Size 354.48 kB

File Date 2025-12-12T16:05:02

## IFC Schema

include Passed, Disabled and N/A 

### Entity Rule - IfcPositioningElement.HasPlacement (occurred 1 time)

exists(self.ObjectPlacement)

#### Id Entity Severity Message

#45 IfcReferent Error Violated by:  
False  
+ where False = exists(None)  
+ where None = #45=IfcReferent('2CZDO4iBLED9I\_nhNgY03j','Starting Station',\$\$,\$\$,  
\$,.STATION.).ObjectPlacement

On instance:

#45=IfcReferent('2CZDO4iBLED9I\_nhNgY03j','Starting Station',\$\$,\$\$,\$.STATION.)

### Schema - IfcRoadPart.UsageType (occurred 2 times)

Id	Entity	Severity	Message
#8857	IfcRoadPart	Error	Attribute not optional
#9576	IfcRoadPart	Error	Attribute not optional

✗ Schema - IfcAlignmentSegment.GlobalId (occurred 334 times)

ⓘ Note: a high number of occurrences were identified. Only the first 10 occurrences are displayed below.

<b>Id</b>	<b>Entity</b>	<b>Severity</b>	<b>Message</b>
#6129	IfcAlignmentSegment	Error	Attribute not optional
#6131	IfcAlignmentSegment	Error	Attribute not optional
#6133	IfcAlignmentSegment	Error	Attribute not optional
#6135	IfcAlignmentSegment	Error	Attribute not optional
#6137	IfcAlignmentSegment	Error	Attribute not optional
#6139	IfcAlignmentSegment	Error	Attribute not optional
#6141	IfcAlignmentSegment	Error	Attribute not optional
#6143	IfcAlignmentSegment	Error	Attribute not optional
#6017	IfcAlignmentSegment	Error	Attribute not optional
#6019	IfcAlignmentSegment	Error	Attribute not optional

✗ Schema - IfcAlignmentVertical.GlobalId (occurred 1 time)

<b>Id</b>	<b>Entity</b>	<b>Severity</b>	<b>Message</b>
#5836	IfcAlignmentVertical	Error	Attribute not optional

✗ Schema - IfcAlignmentVerticalSegment.EndGradient (occurred 334 times)

ⓘ Note: a high number of occurrences were identified. Only the first 10 occurrences are displayed below.

<b>Id</b>	<b>Entity</b>	<b>Severity</b>	<b>Message</b>
#6128	IfcAlignmentVerticalSegment	Error	Attribute not optional
#6130	IfcAlignmentVerticalSegment	Error	Attribute not optional
#6132	IfcAlignmentVerticalSegment	Error	Attribute not optional
#6134	IfcAlignmentVerticalSegment	Error	Attribute not optional
#6136	IfcAlignmentVerticalSegment	Error	Attribute not optional
#6138	IfcAlignmentVerticalSegment	Error	Attribute not optional
#6140	IfcAlignmentVerticalSegment	Error	Attribute not optional
#6142	IfcAlignmentVerticalSegment	Error	Attribute not optional
#6016	IfcAlignmentVerticalSegment	Error	Attribute not optional
#6018	IfcAlignmentVerticalSegment	Error	Attribute not optional

✗ Schema - IfcRelNests.GlobalId (occurred 2 times)

<b>Id</b>	<b>Entity</b>	<b>Severity</b>	<b>Message</b>
#5837	IfcRelNests	Error	Attribute not optional
#6506	IfcRelNests	Error	Attribute not optional