

**Aggregate Geometry**

**Spatial Index Related Geometry**

unique\_descendants: Boolean  
strict\_organizing\_principle: Boolean  
sparse: Boolean  
column\_count: Integer\_Positive  
row\_count: Integer\_Positive  
column\_width: Long\_Float  
row\_width: Long\_Float  
spacing\_unit: Spatial\_Index\_Spacing\_Unit

**Hierarchy Summary Item**

**Reference Surface**

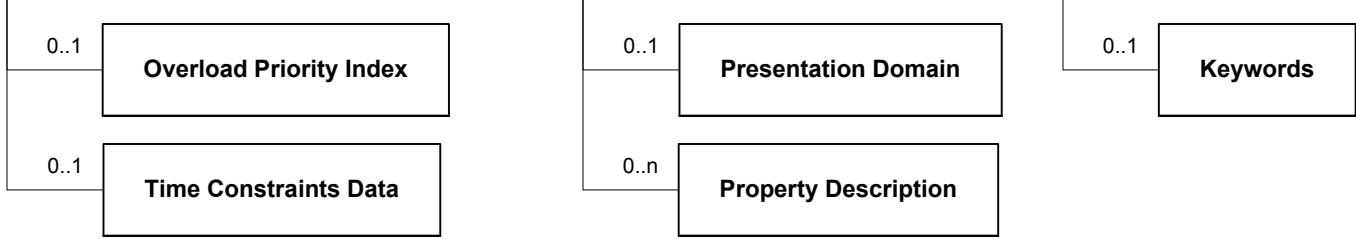
**Feature**

**Geometry Hierarchy**

- 0..n **Property Set Index**
- 0..1 **Classification Data**
- 0..n **Geometry Topology Hierarchy**
- 0..n **Property Table Reference**
- 0..n **Image Mapping Function**
- 0..1 **Rendering Priority Level**
- 0..1 **Reference Surface**
- 0..1 **Light Rendering Properties**
- 0..n **Base Level Of Detail Data**
- 0..1 **Bounding Volume**
- 0..1 **Centre Of Buoyancy**
- 0..1 **Overload Priority Index**

- 0..n **Collision Volume**
- 0..1 **Rendering Properties**
- 0..1 **Conformal Behaviour**
- 0..n **Property Table**
- 0..n **Hierarchical Table**
- 0..n **Property Value**
- 0..n **Sound Instance**
- 0..n **Light Source**
- 0..1 **LSR Transformation**
- 0..1 **Centre Of Mass**
- 0..1 **Perimeter Data**
- 0..1 **Presentation Domain**

- 0..1 **Point Of Contact**
- 0..n **Colour**
- 0..1 **Spatial Domain**
- 0..1 **Stamp Behaviour**
- 1..n **Geometry Hierarchy**
- 1 **Location**
- 0..1 **Centre Of Pressure**
- 0..1 **Access**
- 0..n **Browse Media**
- 0..n **Cross Reference**
- 0..1 **Data Quality**
- 0..1 **Keywords**



**Figure 6.294—DRM\_Spatial\_Index\_Related\_Geometry**