Virtual Design and Construction | Fundamental LOD Definitions
Upated: August 2022

User Instructions:

PORT AUTHORITY NY NJ
AIR LAND RAIL SEA

| **LOD Definitions** | Each model comprises | **Model Element Table** | Each object contains | **Project, Common & Detailed Parameters** | Dictated by | **Pick Lists of Classifications** |

LOD Definitions

Level Of Development, degree to which the element's geometry has been thought through. LOD is described by Stage, LOD target (200, 300, 350 max.) and a brief general description for each of them.

Model Element Table

The BIM models shall be created aligned with the Model Element Table meeting the Level of Development (LOD) targets, by the end of each work stage.

Note that if any elemet shown in the Model Element Table is not part of the Project scope, it should be disregarded.

Project, Common & Detailed Parameters

Project Parameters: List of parameters that are unique for the Project identification. They must be completed at the very beginning of each project.

Common Paramters: Modeled objects must contain the minimun "Common Parameters", if applicable (refer to "stage" column).

Detailed Parameters: Some modeled objects require additional information to be provided, as defined in the "Detailed Parameters" table, 7D parameters must be completed during the Stage 4/ Construction phase.

Pick Lists of Classifications

For those parameters which have an allowed value of "Per pick list", a table of values is provided.

If, for any reason, an appropriate value is not defined, the Consultant/Contractor shall contact the PANYNJ for clarification.