INFORMATION REQUIREMENTS
No Information Requirements specified by Client.

Mostostal Warszawa prepared the internal Information Exchange Requirements for the use on the project. The requirements were gradually complemented during the project.

Internal Exchange Requirement were based on standards such as:
• ISO 9001,
• PAS 1992,
• Penn State „BIM Project Execution Planning Guide”
• Internal OHS standards.

→ On next slide you can see an examples of prepared documents

- Level of information need
- Classification
- Modeling rules
- Rules of measurement
- Data structure based on IFC schema
- Naming convention
- Federation strategy
- Georeference and geotechnical
Airtable was used as online information requirements storage – (always up to date). Thanks to that we could transfer databases schema from this project to another ones.

Airtable database include:
• LOIN requirements
• Classifications
• Naming convention
• And others..
Evolution of internal LOIN requirements

DESCRIPTION

The Level of information need evolved since the completion of the project and is now used as a base for every new BIM project in the company.

* Example show updated version – database schema used for every next project with LOIN requirements defined
Prepared data structures & schemas based on IFC schema

- IFC models
- 2D drawings
- Digitalized construction forms

DESCRIPTION
Reading information from IFC models, 2D drawings and Construction forms (based on ISO 9001 requirements) through prepared digital data schemas.

Reading information:
- Project
- Building
- Level
- Zone(s)
- Room
Naming convention & MIDP requirements

**Naming convention requirements**

<table>
<thead>
<tr>
<th>Nazwa projektu</th>
<th>Etap realizacji</th>
<th>Autor dokumentu</th>
<th>Budynek/typ</th>
<th>Lokalizacja</th>
<th>Typ dokumentu</th>
<th>Podtyp dokumentu</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

- **Brutto**: zł
- **Numer identyfikacyjny**: 12345
- **Opis zawartości**: 5-04-06-00-00-00

**KOD I OPIS**

- 0W - Wszystkie Strafy
- 15 - Szkoła
- 2H/H1
- 3G - Boisko/Genz

**Implementation on CDE platform (metadata fields)**

Link: [https://airtable.com/shrQ5qEBsQpQuyN1q/tbl5QdtLeUXrHLdGv](https://airtable.com/shrQ5qEBsQpQuyN1q/tbl5QdtLeUXrHLdGv)

**DESCRIPTION**

Naming convention – according to PAS 1192 – was used in case of submitting documentation by designer. It helped us to organize the documentation processes and filtering or sorting the documents. For this purpose we prepared the table with naming convention shared with all designers.
Federation strategy requirements

Model breakdown structure was prepared for division of models. It was obligatory only for IFC files (in native environment there was no requirements).
Georeference and geotechnical requirements

**Georeference:**
Rules for proper shared coordination system set up and verification.

**Geotechnical:**
Exchange requirements for site terrain elevation and setting out data.